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Annual Catalogue

J. Chas. McCullough

North East Corner
Second & Walnut Sts.
CINCINNATI, O.

÷ 1894-5 ÷

QUEEN · CITY

Agricultural and Seed House,

NORTH-EAST CORNER **SECOND & WALNUT STS.,**

CINCINNATI, OHIO.

To the Public:

We take pleasure in presenting our Annual Catalogue and Price List, thanking you for your liberal patronage in the past, and respectfully asking a continuance of same in the future, with the assurance that we are in better shape than ever before to promptly and carefully execute all orders intrusted to our care. Our aim is to give **value received and entire satisfaction. Right treatment guaranteed.**

Success in gardening depends largely upon the cultivation and condition of the soil. We offer nothing but reliable Seeds, of known merit and tested vitality.

While we exercise great care to have all seeds pure and reliable, we do not give any warranty, express or implied. If the purchaser does not accept the Seeds on these terms and conditions, they must be returned at once, and the money that has been paid for same will be refunded.

All Vegetable and Flower Seeds (except Peas, Beans and Corn) sent post-paid on receipt of catalogue price.

Our contracts are made with the most reliable and experienced growers in the United States and Europe, and our prices, quality considered, **will compare with any reliable or responsible house.**

With each order, write your Name, Post Office, County and State **in full.** Express or Freight Office is different from Post Office, **give both.** **[illegible]ney with order,** Postal Note, P. O. Order, Registered Letter, Ex[illegible], or Draft on Cincinnati or New York.

[illegible] send C. O. D. Everything being plainly priced, the return [illegible]y is an unnecessary expense.

[illegible] glad to send copies of this and our other catalogues to all your [illegible]ou will send list of names and addresses. And to those receiving our Catalogue for the first time, we respectfully request an inspection of same, and earnestly solicit a trial order.

Best of care will be used in putting up and forwarding all orders, large or small.

Respectfully,

J. Chas. R. Bullough,

SPECIAL NOTICE.—Postage on Peas, Beans and Corn is 10 Cents Pint, 15 Cents Quart, Extra.

ORDER SHEET. QUEEN CITY SEED HOUSE.

Please be particular to WRITE YOUR NAME AND ADDRESS DISTINCTLY AND IN FULL WITH EACH ORDER.
Order early and often and we shall try hard to please you.

J. CHAS. McCULLOUGH, NORTH-EAST CORNER SECOND AND WALNUT STS., CINCINNATI, O.

Please forward the following order:

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Post Office .....
County .....
State .....
Express Office .....

Amount enclosed, P. O. Order, $ .....
do do Postal Note, $ .....
do do - Draft, $ .....
do do - - Cash, $ .....
do do - Stamps, $ .....
Total, $ .....

Date ..... *189* ....

Quantity.	Articles Wanted.	Price.	Quantity.	Articles Wanted.	Price.

FREE! ✦ COUPON ✦ FREE!

GOOD FOR

4 PACKETS SEED

1 Pkt. GARDEN RADISH MIXTURE, *All Sorts.*

1 Pkt. GARDEN LETTUCE MIXTURE, *All Sorts.*

1 Pkt. BEAUTIFUL CLIMBERS, *Mixed Varieties.*

1 Pkt. WILD FLOWER GARDEN, *Mixed Annuals.*

BOTH PLEASING AND SURPRISING.

Subject only to conditions on other side.

J. CHAS. McCULLOUGH,

North-East Corner SECOND & WALNUT STS., CINCINNATI, OHIO.

FREE! ✦ COUPON ✦ FREE!

GOOD FOR

3 FLOWERING BULBS

ONE DOUBLE TUBEROSE,
ONE GLADIOLUS,
ONE AMARYLLIS TREATEA.

Subject only to conditions on other side.

J. CHAS. McCULLOUGH,

North-East Corner SECOND & WALNUT STS., CINCINNATI, OHIO.

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1st. This Coupon must be sent with an order for $1.00 worth or more of Seeds or Bulbs in PACKETS, OUNCES or DOZEN, and accompanied by the cash.

2d. The order must be at full rates and selected from this Catalogue.

3d. Not good for pound or bulk prices. (Only on orders for packets, ounces or dozen.)

4th. You are allowed to select 25 Five Cent Packets for $1.00, besides this premium, but no "Collections."

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QUANTITY OF SEED USUALLY SOWN TO AN ACRE.

Barley, broadcast	1¼ to 2 bushels
Beans, Dwarf, in drills	1½ bushels
Beans, Pole, in hills	10 to 12 quarts
Beets, in drills	5 to 6 pounds
Broom Corn, in hills	8 to 10 quarts
Buckwheat	1 bushel
Cabbage, in beds, to transplant	¼ pound
Carrots, in drills	3 to 4 pounds
Corn, in hills	8 to 10 quarts
Corn, for soiling	3 bushels
Cucumber, in hills	4 pounds
Flax, broadcast	1½ bushels
Hemp	1½ bushels
Mustard, broadcast	½ bushel
Melon, Musk, in hills	2 to 3 pounds
Melon, Water, in hills	4 to 5 pounds
Oats, broadcast	2 to 3 bushels
Onions, in drills	5 to 6 pounds
Onion for sets, in drills	30 pounds
Onion Sets, in drills	6 to 10 bushels
Parsnips, in drills	4 to 6 pounds
Peas, in drills	1½ bushels
Peas, broadcast	3 bushels
Potatoes, cut tubers	10 bushels
Pumpkin, in hills	4 to 6 pounds
Radish, in drills	8 to 10 pounds
Rye, broadcast	1½ to 2 bushels
Sage, in drills	8 to 10 pounds
Salsify, in drills	8 to 10 pounds
Spinach, in drills	10 to 12 pounds
Squash, bush varieties, hills	4 to 6 pounds
Squash, running varieties, hills	3 to 4 pounds
Sugar Cane	12 quarts
Tomato, transplant	¼ pound
Turnip, in drills	½ to 2 pounds
Turnip, broadcast	1 to 2 pounds
Vetches, broadcast	2 to 3 bushels
Wheat, broadcast	1½ to 2 bushels

SIXTH ST. PRINTING WORKS, 21 W. 6TH ST., CIN., O.

ZIG-ZAG EVERGREEN SUGAR CORN.

This new variety of Evergreen Sweet Corn is one of the best for *private use, market gardeners and canners.* It is of extra quality very sweet and juicy in the green state. It ripens about same time as Stowell's Evergreen and is superior to that well known variety in sweetness and flavor. Wherever known it commands a higher price in the market than any other sort.

5 cts. pkt.; 15 cts. pint.; 25 cts. qt.; $1.25 peck.

New Palestine, O., Dec. 14th, 1893.

Dear Sirs:—The Country Gentleman Sugar Corn bought of you, is the best seller and yielder we ever raised, it sold for more money and more readily than any other corn in the Cincinnati market this last season. I intend to grow no other as a late corn this coming season. It yielded from 1000 to 1200 doz. per acre, and would have done better in a good season, many stalks having as many as 4 to 5 ears each. Yours respectfully, EBERSOLE BROS.

FINEST SWEET CORN FOR PRIVATE USE.

The ears are of good size and produced in great abundance, bearing three to four good ears to a stalk. When we consider that ordinary sweet corn produces only one or two good ears to a stalk, the superiority of this variety will be quickly seen. The cob is very small, giving great depth to the kernels, which are of pearly whiteness. But the great merit of the **'Country Gentleman'** Corn is its delicious quality. It is, without doubt, the sweetest and most tender of all sweet corn, and at the same time with ears of good size. 5 cts. pkt.; 15 cts. pint; 25 cts. qt.; $1.25 peck.

NONE SUCH SWEET CORN.

The merits of this new and distinct corn, which so highly recommend it to favor, are good size of ear, strong growing habits, excellent table qualities, possessing an unusually rich juicy flavor and keeping a long time for use. The cob is pink in color, grain white slightly tinted with pink at cob end and entirely free from glaze or flintness. It comes in use after Moore's Concord, with larger ears. 5c. pkt.; 15c. pint; 25c. quart; $1.25 peck.

These Prices postpaid except Peas, Beans and Corn.

"COOL AND CRISP" CUCUMBER

HENDERSON'S NEW CUCUMBER, "COOL AND CRISP."

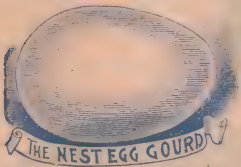
This new variety is inclined to taper off at the stem end, and is generally a little pointed at the other end also. This is the most desirable shape for pickles. At the pickling stage the Cucumbers are straight, long, even and slim, of a very dark green color, so dark that it might be almost called "black." The *earliest and most prolific of all pickling Cucumbers*, and is certain to become a standard sort. While primarily a pickling variety, it is also most useful for slicing, the Cucumbers, when fully matured, being of good size and exceedingly tender and crisp.

Price, 10c. per pkt.

GUERANDE OR OXHEART CARROT.

This variety, lately introduced from France, is a most valuable one. Extra fine quality, beautiful shape and very productive. Color, a rich orange. In length it is intermediate between the Danvers and Short Horn Carrot.

Pkt., 5c.; oz., 15c.; ¼ lb., 30c.; lb., $1.00.



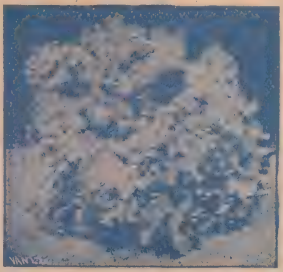
Resemble hen's eggs in color, shape and size; do not crack, are uninjured by cold or wet, and make the best nest eggs. A rapid growing climber, useful and ornamental in covering screens, etc. 5c. pkt.; 30c. oz.

PEARL WHITE EGG PLANT.

The plant is a large, vigorous grower. The fruit is creamy white, with slight shading of a very light green near the stem, thus being of much more attractive appearance than the purple sorts; large size and very prolific. In eating quality it is superior, being more delicate, very fine grain and well flavored.

15 cts. pkt.; 2 pkts. 25 cts.; 10 pkts. $1.00.

GRAND RAPIDS FORCING LETTUCE.



This grand new forcing variety has been raised in the vicinity of Grand Rapids for a number of years. *It stands more neglect* in the way of watering and ventilation, *will stand longer after matured*, than the Black Seeded Simpson. It is of handsome appearance, a strong grower, and not apt to rot, and will keep from wilting longer while exposed for sale than any other sort. Its upright habit admits of very close planting and it matures two weeks quicker than Tennis Ball. 5c. pkt.; 20c. oz.; 50c. ¼ lb.; $1.50 lb.

DENVER MARKET LETTUCE.

An early variety in Head Lettuce, either for forcing or open ground. It forms large solid heads of light green color, and is very slow to go to seed. The leaves are beautifully marked and blistered, (like the Savoy Cabbage), crisp, tender, and of excellent flavor.

5c. pkt.; 20c. oz.; 50c. ¼ lb.; $1.50 lb.

LETTUCE MIXTURE.

All sorts. It can not fail to please. Will give a succession of good lettuce throughout the season. A fine contrast to our Radish Mixture, when planted along side of it.

5c. pkt.; 15c. oz.; 40c. ¼ lb.; $1.25 lb.

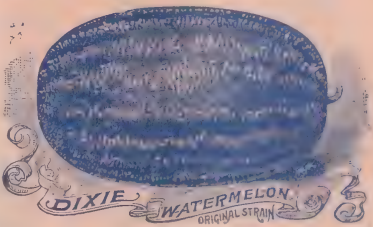
COLUMBUS MUSK MELON.

The cut herewith reproduced from a photograph, shows the distinct and attractive appearance, as well as the peculiar netting of this handsome, green-fleshed melon. The skin is a very pretty, bright, glossy yellow color when fully ripe, and is very nearly hidden by the very thick whitish netting. Its green flesh is very deep, leaving only a small seed cavity. The quality is all that can be desired. It never was known to burst open at either end. From the above considerations we are confident this melon will prove to be the greatest acquisition in many years. No lover of a fine large luscious Musk Melon can afford to be without it.

5 cts. pkt.; 15c. oz.; 50c. ¼ lb.; $1. 25. lb.

DIXIE WATER MELON.

In this we have a new Water Melon of excellent merits, and we can recommend it to our customers as *best shipping melon* grown, being even *larger, earlier and far more productive* than the Kolb's Gem which has heretofore been considered the best melon for shipping. It is of a very fine appearance, being much darker than Kolb's Gem and more beautifully striped; it is longer and extremely hardy, while its eating quality is unexcelled, being sweet, juicy and tender. Another very important point is its productiveness, having *six to eight large melons on a vine.* 5c. pkt.; 10c. oz.; 30c. ¼ lb.; $1.00 lb.



NEW WHITE MULTIPLIER ONION.

An Onion of pure white silvery color. It is very hardy and will prove a grand acquisition to this class of Onions. White Onion seed is usually high priced, hence the advantage of a white "Multiplying" Onion of this kind. Very useful for pickling. The *New White Multiplier Onion* is enormously productive, and its handsome appearance will make it one of the most salable and profitable varieties that can be grown. 25c. quart. $1.50 peck. Add 10c. quart for postage.

"Your Central Park Lawn Grass Seed, and Lawn Fertilizer, is the best I have ever tried; by using them freely I have a *First-Class Lawn* the first season." "Your Chicken Feed is just the thing to make Hens lay; the great variety being what is wanted."

Our Onion Seed

is the best grown; no cheap trash.

PRIZE TAKER ONION.

A globe shaped variety of recent introduction, remarkable for its enormous size, many specimens reaching the weight of three and one-half pounds each. The skin is a bright straw color, flesh white, very thick and of mild flavor. Earliness, uniform shape, productiveness, and its long-keeping qualities have made the Prize Taker a valuable acquisition. *It is to-day one of the largest handsomest and most profitable varieties grown.* Pkt. 10c.; oz. 30c.; ¼ lb. 90c.; lb. $3 50.

PEAS.—Add 10c. per pint and 15c. per quart, if sent by mail.

NOTT'S EXCELSIOR PEA.

This very desirable pea grows to a uniform height of eighteen inches. Remarkably hardy and productive, besides being earlier than all the wrinkled peas. It is so hardy and vigorous that it may be safely planted in early spring with any smooth variety, and counted on for table use almost as soon, while the quality is far superior. During the eight years that I have been developing these peas, they have never failed to be well matured for table use within fifty days from planting. Very tender and fine flavored. The square plump pods being always full of extra large Peas that surpassed in size and quality any other variety. *The Excelsior will take the place of the American Wonder.* 10c. pkt.; 25c. pint; 45c. quart.

FIRST AND BEST PEAS.

Extra selected stock.

Can not be surpassed in earliness and productiveness. Grows two feet high and ripen uniformly. Are far superior to any ordinary stock. The best Pea for market gardeners and truck farmers. 5c. pkt.; 15c. pt.; 25c. qt.; $1.25 peck.

PRIDE OF THE MARKET PEAS.

A strong growing variety, growing from 18 to 24 inches high, and is very productive. The pods are unusually large, and the Peas, when cooked, are of very superior quality. Price, 15c. pint; 30c. quart; $1.25 per peck.

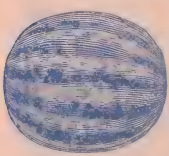
BLUE PETER PEAS.

A larger, better and earlier form of Tom Thumb, having blue seed. Very dwarf and early; a good bearer, and of excellent quality. Price, 15c. pt.; 25c. qt.; $1.50 pk.

BLISS' EVERBEARING PEAS.

Height, 18 inches to 2 feet; foliage large. Pods, 3 to 4 inches in length, each producing 6 to 8 large wrinkled peas. A continuous bearing variety, which gives it especial value for late summer and autumn use.

15c. pint; 25c. quart; $1.50 peck.



POMEGRANATE ORNAMENTAL.

Fruit nearly round and the markings round and distinct. Grows on a pretty vine, fruit orange-yellow slightly striped and sometimes spotted red, varying from the size of a plum to that of an orange. Very fragrant, sweetly perfuming a room with their exquisite odor. 10c. pkt.; 30c. oz.

NANTUCKET, OR ST. GEORGE PUMPKIN.

Oblong in shape, with ten or twelve prominent ridges from stem to blossom end. Outer color of skin, very dark green, almost black; flesh orange color; keep well all winter.

Pkt. 5c.; oz. 10c.; ¼ lb. 25c.; lb. 75c.

The Livingston's Squash, a favorite with market men. It is exceedingly uniform in size and shape. The skin is russetty and of a dark orange color. The flesh is very thick, making them so heavy that they appear to be perfectly solid. It is sweet, very fine grained, and unexcelled for pies. 5c. pkt.; 20c. oz.; 50c. ¼ lb.; $1.50 lb.

LADY FINGER OR LONG WHITE VIENNA RADISH.

One of the finest of long white Radishes; snow white, very brittle and crisp, of beautiful shape and rapid growth. 5c. pkt.; 10c. oz.; 30c. ¼ lb.; $1.00 lb.

CHARTIER WHITE TURNIP RADISH.

This is a variety of great excellence. It remains a long time without getting tough or pithy. Although quite early it keeps in good, edible condition throughout the summer. The color is pure white and we consider it a valuable addition.

5c. pkt.; 10c. oz.; 30c. ¼ lb.; $1.00 lb.

BRIGHTEST LONG SCARLET RADISH.

A valuable new Radish. In shape it is very regular, smooth, and similar to the Long Scarlet but shorter; the skin is of a fiery scarlet, the brightest color of any Radish. It is very early, maturing in 20 to 25 days, the flesh crisp and tender. Excellent for home garden and particularly desirable for the market, as it sells quickly because of its fine color and form.

Pkt. 5c.; oz. 10c.; ¼ lb. 30c., lb. $1.00.

WOOD'S EARLY FRAME RADISH.

A splendid forcing variety, earlier than the Long Scarlet, shape not quite so long and has a smaller top. 5c. pkt.; 10c. oz.; 25c. ¼ lb.; 75c. lb.

SHEPHERD RADISH.

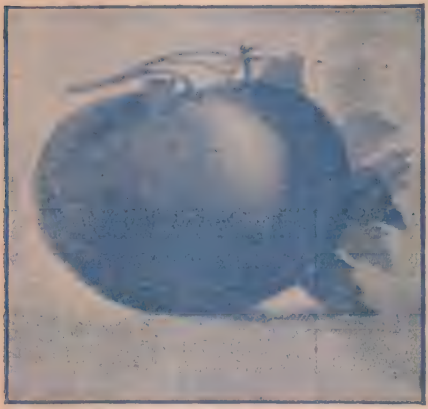
A new variety of great merit, very attractive, color a deep scarlet at the top, shading to pink in the middle, and blending to almost white at the bottom, grows very large, crisp, tender and of mild flavor. Extensively grown by Market Gardeners. 5c. pkt.; 10c. oz.; 25c. ¼ lb.; 75c. lb.

RADISH MIXTURE, all sorts.

This is especially adapted to the wants of those having only a small garden, as it contains all of the leading varieties, and will give a succession of fine Radishes. Try a package. It will please you. 5c. pkt.; 10c. oz.; 25c. ¼ lb.; 75c. lb.

GOLD BALL TOMATO.

A round golden yellow variety and no other yellow sort can approach it in quality; the flesh is thick of extra good quality; smooth as an apple, handsome gold color. 5c. pkt.; 35c. oz.; $1.00 ¼ lb.; $3.75 lb.

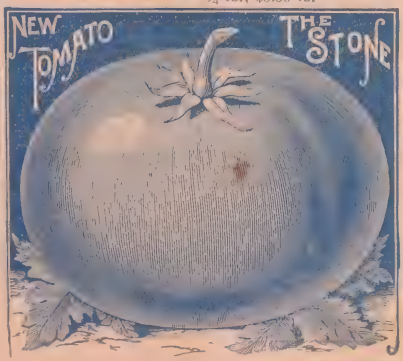


BUCKEYE STATE TOMATO.

A handsome, large sized smooth tomato. It averages at least one-half larger than the Beauty; is more prolific and abundant in fruitage than the standard sorts now in cultivation. It is unquestionably the heaviest cropper known and is smooth and uniform in size. The Tomatoes are borne in immense clusters of four to eight fruits and occasionally ten large fruits have been found on a single cluster. In solidity and meatiness it has no equal, while in luscious quality none surpass it. The color is much the same as Beauty, but a darker and richer shade, and this together with its very large size and clear cut outlines, makes it very showy and striking when displayed for sale. 10c. pkt.; 50c. oz.; $1.50 ¼ lb.; $5.50 lb.

NEW STONE TOMATO.

An excellent shipping variety; quality the very best; fine for canning; a good keeper, without hard core and not subject to rot. Fruit large, very smooth and of bright scarlet color; flesh firm and solid. 5c. pkt.; 25c. oz.; 75c. ¼ lb.; $2.75 lb.



ORDER EARLY Please order as soon after you get this Catalogue as possible, and then you will have your seeds at hand for planting when you want them, besides if you want heavy seeds in large quantities they can be sent by freight very cheaply.

ARISTOCRAT TOMATO.

This fine, new variety, in habit of growth and foliage resembles the "DWARF CHAMPION." Color, beautiful rich, glossy red, so much preferred in many localities to the purple or rose-colored varieties. The size, solidity, productiveness, smoothness, flavor of its fruit, etc., is *up* to the present day *standard of excellence.* It will be found *especially desirable for forcing under glass* and growing outside for early market purposes. It may be planted 3x3 feet or even closer making it also suitable for small gardens, where every foot of land is to be utilized. 15c. pkt.; 2 pkts. 25c.; 10 pkts. $1.00.

PONDEROSA TOMATO.

This Monster Tomato is all solid meat, handsome variety, being uniformly large, smooth, of dark rich crimson color, and a delicious sub-acid flavor. To show the enormous size of this great Tomato, we would state that twelve specimens weighed 16½ lbs., an average of 1 lb. 6 ozs. each, one monster tipping the scales at 1 lb. 14 ozs. 5c. pkt.; 35c. oz.; $1.00 ¼ lb.; $3.75 lb.

IGNOTUM TOMATO.

This splendid Tomato is one of the best. The fruit is large, smooth, heavy, and solid, and of a deep red color. It ripens perfectly up to the stem, and is remarkably free from cracking or rotting, the flesh is of finest quality, very solid and with few seeds. 5c. pkt.; 25c. oz.; 75c. ¼ lb.; $2.75 lb.

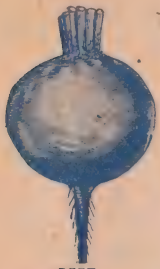
SPANISH PEANUT.

Peanuts can be cultivated in the North as easily as potatoes. They yield largely, and are a paying crop. The Spanish is a desirable variety, because it is early and a fine bearer; its growth perfectly erect, not spreading on the ground like the common kinds of peanuts, and therefore much more easily cultivated, the plow doing nearly all the work; also in harvesting, all the peas hang to the roots, and can be rapidly gathered. Planted in April they ripen in August, and planted as late as July 1st, will mature full crops before frost. Price, post paid, large package 10c.; 35c. lb; 4 lbs. $1.00. By express (not prepaid) 4 lbs. 50c; 10 lbs. $1.00. Bushel prices on application.

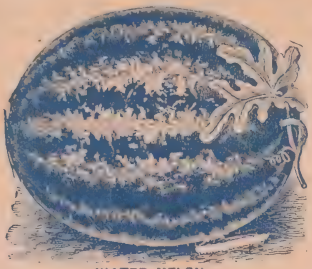
$1.00 NOVELTY COLLECTION OF VEGETABLE SEEDS.

We will send postpaid one packet each of the following Twenty New Varieties of the Vegetable Seeds, several being offered for the first time.

Golden Andalusia Pole Bean.
Currics' Rust-Proof Wax Bean.
Burpee's Bush Lima Bean.
Country Gentleman Sugar Corn.
Zig Zag Evergreen Sugar Corn.
All Head Cabbage.
Guerande Carrot.
Cool and Crisp Cucumbers.
Pearl White Egg Plant.
Grand Rapids Forcing Lettuce.
Columbus Musk Melon.
Dixie Water Melon.
Prize Taker Onion.
Nott's Excelsior Peas.
Pomegranate Ornamental.
Chartier White Summer Radish.
Brightest Long Scarlet Radish.
Pie Squash.
New Aristocrat Tomato.
New Buckeye Tomato.



BEET.
Early Blood Turnip.
pkt., 5c.



WATER MELON.
Kolb Gem. pkt. 5c.

CARROT.
Early Scarlet Horn. pkt., 5c.

CABBAGE.
Louisville Drumhead.
pkt., 5 cents.

"Think of It"

Our "STAR" Collection

10 Packets for 25c

MAILED FREE.

10 Packets of Reliable Vegetable Seeds.

BEET—Early Blood Turnip.
CABBAGE—Louisville Drumhead
CUCUMBER—Early Green Cluster.
LETTUCE—Early Tennis Ball.
WATER MELON—Kolb Gem.
MUSK MELON—Netted Nutmeg
CARROT—Early Scarlet Horn.
RADISH—Early Scarlet Turnip
SPINACH—Bloomsdale Savoy.
TURNIP—Purple Top, Strap Leaf.

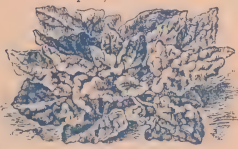
10-5 Cent Pkts.

FOR 25 CTS.
MAILED FREE.

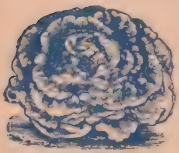
No changes will be made in this collection.

MUSK MELON.
Netted Nutmeg.
pkt., 5 cents.

CUCUMBER.
Early Cluster.
pkt., 5 cents.

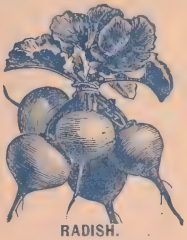


SPINACH.
Bloomsdale Savoy.
pkt., 5 cents.



LETTUCE.
Early Tennis Ball.
pkt., 5 cents.

TURNIP. Purple Top, Strap Leaf. pkt., 5c.



RADISH.
Early Scarlet Turnip.
pkt., 5 cents.

FLOWER SEEDS.

Specialties: Many varieties of merit, not listed in general list.

These prices include Free Delivery to your Address.

ABUTILON.

Few lovers of these beautiful flowers are aware how easily they can be raised from seed, and how beautifully they flower all summer the first season. Half-hardy perennial. *Finest mixed*, 20c. pkt.

BROWALLIA.

One of our favorite profuse-blooming bedding plants, covered with rich, beautiful winged flowers during the summer and autumn months. Blooms in winter if sown in August. Half-hardy annual. *Fine mixed*, 5c. pkt.

BRUGMANSIA ARBOREA.

This is one of those plants of which words fail to convey a true idea of its magnificence. It blooms at all times of the year, in a window or conservatory; or it can be cultivated in the garden during summer. The flowers are drooping, bell-shaped, of a creamy-white color, and very sweet. The striking beauty of a plant bearing a dozen or more of those gigantic flowers can not be described. They bloom very freely, and it is not uncommon for a plant to have 20 to 30 blossoms open at once. It is a very rapid grower, and thrives under all conditions. We do not know of a plant requiring less care and attention than this. Seed started in the winter, will bloom in July. 10c. pkt.

CACALIA. (*Tassel Flower.*)

A neat, half-hardy annual of easy culture, with scarlet tassel-shaped flowers; blooms from July to September, in clusters, fine for borders. 1½ ft. 5c. pkt.

CAMPANULA OR CANTERBURY BELL.

A genus of exceedingly beautiful hardy perennials, all of which are characterized by richness of color and profusion of bloom. Desirable for garden or house culture.

Single, finest mixed, 5c. pkt.
Double, finest mixed, 5c. pkt.

CANNA.

This is a sub-tropical genus worthy of general cultivation. It is propagated by division of fleshy roots and from seed. Flowers the first year from seed if planted early, say March or April. Winter like the Dahlia. Half-hardy perennial.

Fine Mixed, producing different colored foliage. 4 to 8 feet. 5c. pkt.

Crozy's best mixed, from best named varieties. 4 to 8 ft. 10c. pkt.

Madame Crozy, large flowers, vermilion, bordered with yellow, green foliage, very free flowering. 20c. pkt.

CALCEOLARIA.

Now recognized as one of the grandest plants in existence, producing masses of pocket-like flowers; a universal favorite for decorating the green house and conservatory early in the spring.

Hybrida Grandiflora. Tall Mixed. The finest large flowering and most floriferous sorts, of the richest colors. 25c. pkt.

MARGARET CARNATIONS.

(*Dianthus Caryophyllus, fl. pl.*)

The popularity and usefulness of this new variety has surpassed all expectations. They bloom in four months from time of sowing, giving about 80 per cent. of double flowers. If taken up and potted before frost they will continue to bloom during winter. 10c. pkt.

CARNATION PINKS.

Double finest mixed. Saved from flowers of very fine quality only. 15c. pkt.

CENTRANTHUS.

Very pretty, free-flowering plants, effective in beds, ribbons, or as an edging. Grows freely in any common garden soil. Hardy annual. Fine mixed. 5c. pkt.

CHRYSANTHEMUMS FRUTESCENS.

(Paris Daisy or Marguerite.)

Produces an abundance of large, white, star-shaped flowers, succeeds in any garden soil. 2½ feet. 10c. pkt.

Your Mixed "Grain and Seeds" is just the thing to make hens lay in cold weather and is the cheapest feed in the market.

CYCLAMEN.

Charming bulbous-rooted plants, with beautiful foliage, and rich colored orchid-like fragrant flowers; universal favorites for winter and spring blooming. If seed is sown early they make flowering bulbs in one season. They require sandy loam. Half-hardy perennial. 6 inches.

Cyclamen Persicum. Finest mixed, 15 cents pkt.

CYCLAMEN PERSICUM GIGANTEUM.

This new large flowering strain has beautiful mottled leaves, broad petals, and stout flower stalks, throwing the flowers well above the foliage. *Finest mixed.* 25c. pkt.

CINERARIA.

Very attractive, free-flowering greenhouse plants, blooming during the winter and spring months. Though perennials, they do better when treated as tender annuals.

Hybrida Grandiflora, Prize, mixed. Extra selected, unsurpassable in quality and beautiful brilliant colors. 25 cents pkt.

Maritima. (*Dusty Miller.*) Large, silvery, deeply cut foliage. 5c. pkt.

CLEMATIS.

A well known and rapid growing, free flowering, ornamental climber. Flowers three or four inches across, of charming shades of blue, white, purple, etc. Finest mixed, 20 cts. pkt.

COLEUS.

Highly ornamental plants in an endless variety of colors and shadings. Our seed has been saved from the finest collection in Europe. If sown in March or April, fine plants may be had by planting time. Mixed, 15 cents pkt.

DELPHINIUM. (*Perennial Larkspur.*)

One of our most showy and useful plants, producing splendid spikes of flowers. If sown early they bloom the first year from seed. *Delphinium Formosum.* Beautiful spikes of brilliant rich blue flowers, with a white center. 2½ feet. 10c. pkt.

DATURA. (*Sweet Nightingale.*)

A grand evening flower, opening about sunset and lasting till near noon the next day. Flowers pure white, 9 inches long and 5 or 6 inches wide at the top. Its delicious fragrance fills the evening air and can be detected a long distance. It is a free bloomer. Seed can be sown in the open ground or started in pots. 10c. pkt.

EDELWEISS. (*Gnaphalium Leontopodium.*)

The famous and true "Edelweiss" of the Alps. The flowers are of a downy texture, pure white and star-shaped. 25c. pkt.

EUPHORBIA HETEROPHYLLA.

(*Mexican Fire Plant.*)

A hardy annual of the easiest culture, and resembles in habit and color the beautiful hot-house Poinsettia. The plant grows two to three feet high, of branching bush-like form, with smooth glossy leaves, which are at first entirely green, but about mid-summer clusters of small white flowers appear on the end of each branch surrounded by beautiful orange scarlet bracts, presenting a striking and brilliant combination of colors. 10c. pkt.

FUCHSIA.

A well known plant of easy culture, for the house or shady situations in the garden; the seed we offer is saved from the finest single and double named varieties. Mixed, 25 cents pkt.

FREESIA.

Very easily grown, bulbs which can be readily produced from seed. The flowers are pure white with yellow throat, and are exquisitely fragrant.

Freesia Refracta Alba. 15c. pkt.

GOMPHRENA. (*Globe Amaranth.*)

Fine showy, everlasting flowers. Useful for winter decorations. As the seeds germinate slowly, it is better to start early in the house, and water the soil with warm water. 1½ feet. *Fine mixed,* 5c. pkt.

GERANIUM. (*Pelargonium.*)

In extensive use for bedding in borders and masses. Started early will flower the first year from seed.

Large Flowered. Finest mixture, 15c. pkt.

Apple Scented. (*Pelargonium oderatissimum*). This fragant favorite variety can only be grown from seed to form fine plants. Sow in light soil, and keep moist until they germinate. 25c. pkt.

GILIA.

Very pretty tall and dwarf plants, early, free-blooming, fine for massing and rock work. Hardy annuals.

Tall mixed, 5 cts. pkt. *Dwarf mixed*, 5 cts. pkt.

HONESTY.

Hardy biennial, admired for its silvery seed pouches, which are used for house ornaments, as they present a beautiful and rather curious appearance.

Lunaria Biennis, 5c. pkt.

HUMULUS JAPONICUS.

This new Japanese variety of Hop is a splendid annual climber. The foliage resembles that of the common hop, but is more dense. Seed sown in the open ground in spring will produce plants of a very large size in a short time. Withstands heat, drouth and insects, and remains fresh until late in the fall. 5c. pkt.

HYACINTH BEAN.

A rapid growing plant, flowering freely in clusters, for covering arbors, trellises, etc.

Dolichos mixed., 10 feet. 5c. pkt.; 15c. oz.

OXALIS.

Beautiful small plants, suitable for the green-house, rock-work, baskets, or outdoor culture. Flowering the first year if sown early. Blooms in clusters. Half-hardy perennial. 9 inches. *Finest mixed*, 10c. pkt.

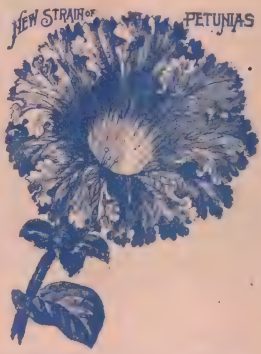
ICE PLANT. (*Mesembryanthemum.*)

Beautiful dwarf-growing plants with waxy-like foliage and lovely little flowers. Splendid for rock work and hanging baskets. Half-hardy annual. *Crystallinum.* 5c. pkt.

KENILWORTH IVY.

A charming small, neat, hardy perennial trailing plant, suitable for baskets, vases, pots and rock work.

Linaria Cymbalaria. Lavender and purple. 10c. pkt.



PETUNIA GIANTS OF CALIFORNIA.

The grand improvements in Petunias for the past few years left the impression that the acme of perfection had been reached, but such was not the case. Our grower has produced a strain of incomparable beauty, size and luxuriance. They are very deep throated. Most of the flowers are exquisitely ruffled or fringed on the edges, and are of enormous dimensions, often five inches across, but their great merits lie in the innumerable varieties of colors, with markings, veinings, blotchings and stripings, in the most grotesque and beautiful combinations—some with charming deep throats of yellow, white black, green or maroon, running off into intricate veins, or exquisitely penciled combination quite new in Petunias. Some of the colors are rich and gorgeous, others of lovely delicate shades; the flowers are of great substance. 25c. pkt.

MIMULUS. MOSCHATUS. (*Musk Plant.*)

Fine for hanging-baskets, etc. Small yellow flowers, fragrant foliage. 10c. pkt.

MYOSOTIS. (*Forget-me-not.*)

Pretty little favorites with clusters of fine delicate flowers. They succeed best in a damp shady situation, but will thrive well in any garden soil, 6 inches.

Palustris, blue, 5 cents pkt.

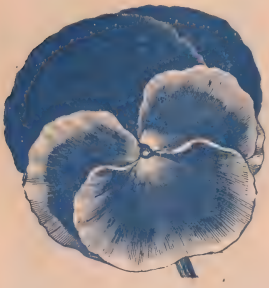
MOON FLOWER. (*Ipomœa Noctiflora.*)

At night and during the dull days the plants are covered with an abundance of large, pure white, fragrant flowers, 5 to 6 inches in diameter. It grows very rapidly and will cover a large surface. 5 cents pkt.

MOONFLOWER NEW CROSS-BRED.

Is of a luxuriant growth, an abundant bloomer, and *will flower from four to five weeks before the white seeded varieties*, which renders it a most valuable sort for growing north. The flowers are pure white, large and fragrant. 10c. pkt.

PANSIES.



Our Pansy Seed is the best that can be had. Pansy Seed is a specialty with us, and the following varieties are secured from specialists in Europe and elsewhere regardless of cost. We do not hesitate to recommend them with the greatest confidence.

Fugnot's French—New French strain of fine robust growth; great variety of colors; 25 cents pkt.

Cassier's Giant—The flowers of immense size, of good substance and fine form, while the plants are of neat, compact growth. 25 cents pkt.

Improved Giant Trimardeau—Greatly improved in the enormous size of flowers, fine form, and increased variety of colors. 15c. pkt.

Odier or Blotched—Superb, large-eyed flowers of very good shape, and beautifully blotched with rich and varied color. 15c. pkt.

Non Plus Ultra—Large flowers of the most brilliant colors and fine markings, very choice mixed. 20 cents pkt.

SPECIAL OFFER OF CHOICE PANSIES.

That all may try these beautiful sorts, will send one packet each of the above five varieties, postpaid, for 75 cents.

PASSIFLORA CŒRULEA.

(*Passion Flower.*)

Hardy, deciduous climber, with blue and white flowers of remarkable beauty. Hardy enough to withstand our winters if the roots are protected with leaves or mulch. 10c. pkt.

PHLOX DRUMMONDI. (*Star of Quedlinburg.*)

A very striking novelty of extraordinary character. In the flowers, the center petals, which are five in number, are much elongated, from four to five times the length of the lateral ones, thus giving the flowers a most distinct and regular star-like appearance. Many colors, mixed. 10c. pkt.; 3 pkts. 25c.

PHLOX DRUMMONDI FIMBRIATA.

The petals of all other Phlox varieties are entire, but in this variety they are partly fringed, partly three-toothed, the center teeth are almost twice as long as the lateral ones, all distinctly bordered with white, which together with the bright eye of the center, picturesquely contrasts with the magnificent velvety colors. Finest mixed, 10c. pkt.; 3 pkt. 25c.

The above two new kinds, mixed, 10c. pkt.

PHLOX DRUMMONDI, DOUBLE WHITE.

A profuse bloomer, and of great value for bouquets, as it blooms at a season when white flowers are especially desirable. About 60 per cent. of the seed sown will produce double flowers. 10c. pkt.

Received Potatoes and Plow, OK. Like the Dexter Garden Plow very much. Please ship me two more for my neighbors. M. S. FERRIS,
May 15, 1893. Greensburg, Ind.

PRIMULA. (*Chinese Primrose.*)

Very beautiful and desirable perennial plants for pot culture, for winter and spring flowering. Sow in February or March in very fine, light soil. Pot into thumb pots, shift two or three times during the summer, and keep in a cool, moist, partially shady place, and success is sure.

Single, large flowering, fringed varieties.
White, 25 cts. pkt. **Crimson,** 25 cts. pkt.
Red, 25 cts. pkt. **Mixed,** 25 cts. pkt.
Double, large flowering, fringed varieties.
Choice Mixed, 50 cts. pkt.

PRIMULA. (*Hardy Primrose.*)

Well known garden favorites of great beauty, succeeding best in a northern aspect. Protect the plants during winter.

Primula Auricula Alpina—Various colors, 10c. pkt.

Primula Veris—(Polyanthus) early blooming, dwarf growing plants; valuable for beds or pot culture. 10 cents pkt.

PRIMULA OBCONICA.

An ever-blooming Primrose, with very fragrant, pale blue colored flowers, borne in umbels on long stems. If sown early it will bloom by the end of May and will continue for about nine months. 25c. pkt.

RHODANTHE.

Elegant, half-hardy annual, suitable for pot and garden culture. These well known everlasting flowers are very useful in bouquets. 1 foot; *Finest mixed*, 5 cents pkt.

SALPIGLOSSIS.

Free blooming plants, with curiously penciled and marbled funnel-shaped flowers. Suitable for the greenhouse or flower border. Of easy culture, requiring a light, rich soil. Half-hardy annual. 1½ ft.

Large Flowered—all colors, mixed, 5c. pkt.

SILENE. (*Catch Fly.*)

A beautiful, early, free-blooming plant, adapted for beds, borders, or ribbon-gardening. Of easy culture, growing in any garden soil. Hardy annual. 1 foot.

All colors, mixed, 5c. pkt.

SCHIZANTHUS. (*Butterfly Flower.*)

A splendid class of plants, combining elegance of growth with a profusion of rich and various colored flowers, fine for green-house decoration and the flower garden. Of easy culture. Half-hardy annual.

Mixed varieties, 5 cents pkt.

SWEET PEAS.

These charming additions to the list of Sweet Peas will please all who give them a trial. When properly grown they are nearly double the size of the ordinary sorts.

Primrose—Pale primrose yellow, delicate color; unopened flowers, rich canary.

25c. oz.; 5c. pkt.

Princess Beatrice—Rich and beautiful carmine rose, slightly shaded with lighter and darker tints. 25c. oz.; 5c. pkt.

SWEET PEAS—Continued.

Blanche Ferry—Large pink and white flowers of perfect form on long stem; plant branchy and compact. It blooms early, long and profusely. 25c. oz.; 5c. pkt.

Princess of Wales—White ground, shaded and striped indigo blue and lavender.

25c. oz.; 5c. pkt.

Queen of the Isles—Rose, claret and scarlet striped, with white large flowers of fine form. 25c. oz.; 5c. pkt.

Splendour—Rich, bright coppery crimson, suffused with rosy pink. 25c. oz.; 5c. pkt.

"EMILY HENDERSON."

A beautiful acquisition of American origin. *Absolutely pure white.* The flowers, of *remarkable substance*, are borne on long stiff peduncles and extra large, with broad overal standards that stand so boldly erect, all reflex or curl. *The plants are robust, compact and branching, producing such a prodigal abundance of flowers, that the plants appear as if covered with snow. In comparison, it outrivals* all competitors by nearly two weeks, and continues a veritable "cut-and-come-again" to the end of Autumn. The fragrance is most delicious and distinct. *For forcing under glass* it is particularly adapted. In sealed pkts. 15c. pkt.; 50c. oz.

Eckford's New Large Flowering varieties finest mixed, 5c. pkt.; 15c. oz.; 30c. [illegible]; $1 lb.

SPECIAL OFFER OF CHOICE SWEET PEAS.

That all may try these beautiful sorts, will send one packet each of the above 5 named varieties, post paid 35 cents.

STOCKS.

Snowflake, Dwarf Forcing Ten Weeks.

This new variety of Dwarf Wallflower-leaved Large Flowering Stock is the earliest white and one of the earliest of all Ten Weeks Stocks, and admirably adapted for forcing; the snow-white flowers are uncommonly large and very double. 10c. pkt.

THUNBERGIA. (*Black Eyed Susan.*)

A genus of ornamental climbers that grow rapidly and flower freely. Give a warm place and light, rich soil. 4 feet.

Alata Alba—White, with dark eye, 5c. pkt.
Mixed—All colors, 5 cents pkt.

TORENIA.

These beautiful, free-blooming, trailing plants are charming for baskets, vases, or for summer garden decoration. 1 foot.

Baillonii—Yellow, with brownish-red throat, 10 cents pkt.
Fournieri—Velvety-blue. 10c. pkt.

VINCA. (*Madagascar Periwinkle.*)

Ornamental free-blooming plants. They flower from seed if sown early the first season, continuing until frost; or they may be potted and kept in bloom through the winter. 2 feet. *Fine mixed.* 10c. pkt.

VIRGINIAN STOCK.

(*Cheiranthus Maritimus.*)

Beautiful free-flowering little plants, very effective in small beds, edgings or baskets, growing in any soil. Hardy annuals.

Mixed, all colors. 5c. pkt.

VISCARIA. (*Rose of Heaven.*)

Flowering the first season. Brilliant colored flowers. Maroon, pink, carmine and rose. Annual. *Finest Mixed*, 5c. pkt.

WALLFLOWER.

Well known deliciously fragrant garden plants, blooming early in the spring. They should be protected in a cold frame in the winter, and planted out in May; are much prized for bouquet flowers. Half-hardy perennials.

Single Mixed, all colors, 2½ ft. 5c. pkt.
Double Mixed, all colors, 2 feet. 10c. pkt.

WHITLAVIA.

Charming, hardy annual, with delicate foliage and clusters of beautiful bell-shaped flowers. Fine for ribboning, mixed borders or shady spots. Also good for baskets, vases, etc. 1 foot. *Mixed varieties*, 5c. pkt.

XERANTHUMUM.

A showy family of hardy annual everlastings. When the flowers are cut young they are useful for winter bouquets.

Double sorts, finest mixed, 5c. pkt.

ZINNIAS CURLED AND CRESTED.

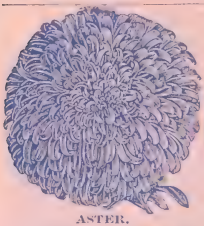
The flowers of perfect form—large, round, full and double, the petals being twisted, curled and crested into the most fantastic contortions and graceful forms, rendering them entirely free from the stiffness which was heretofore the characteristic of this family. The individual plants form compact bushes about two feet high by two feet through, and bear well above the foliage. The ease of culture, indifference to special soils or treatment their early, prolific and long-continued bloom, excellent habit, magnificent flowers and exquisite colors will render *Curled and Crested Zinnias* a popular garden favorite wherever tried. 15 cent packet.

"Acme" Collection of Flower Seeds

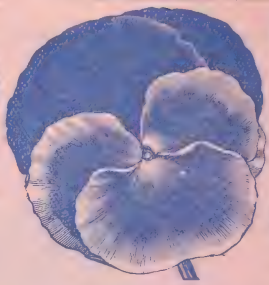
Fourteen Packets for $1.00.

That all may try these beautiful sorts of Flower Seeds, we will send one packet each of the following 14 varieties; amounting at regular prices to $1.50, for $1.00, by mail, post paid.

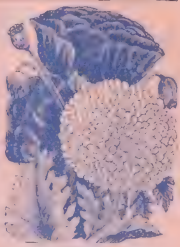
Brugmansia Arborea.
Margaret Carnations.
Chrysanthemum Frutescens.
Datura—"Sweet Nightingale."
Euphorbia Heterophylla.
Moon Flower, New Cross-Bred.
Myosotis—"Forget-me-not."
Pansy—Non Plus Ultra.
Phlox Drummondi—"Fiambriata."
Phlox Drummondi—"Star of Quedlinburg."
Passiflora—"Passion Vine."
Schizanthus Mixed.
Sweet Pea Emily Henderson.
Zinnia Curled and Crested.



ASTER.
Choice Mixed Colors. 5c. Pkt.



PANSY.
Choice Mixed Colors. 5c. Pkt.



POPPY.
Mixed Varieties. 5c. Pkt.

NASTURTIUM.
Finest Mixed. 5c. Pkt.

An Unprecedented Offer

Our "GEM" Collection

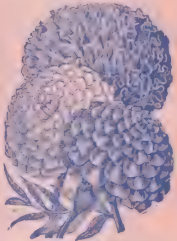
10 Packets for 25c.

MAILED FREE!

10 PACKETS of CHOICE FLOWER SEEDS

1 Packet **ASTER**—Choice Mixed Colors.
1 Packet **CALLIOPSIS**—Finest Mixed.
1 Packet **CHRYSANTHEMUM**—Mixed Annuals.
1 Packet **NASTURTIUM**—Mixed Colors.
1 Packet **PANSY**—Choice Mixed.
1 Packet **POPPY**—Mixed Varieties.
1 Packet **MARIGOLD**—Mixed.
1 Packet **PHLOX DRUMMONDII**—Mixed.
1 Packet **CHINA PINKS**—Mixed.
1 Packet **MIGNONETTE**—Sweet Scented.

NO CHANGES WILL BE MADE IN THIS COLLECTION.



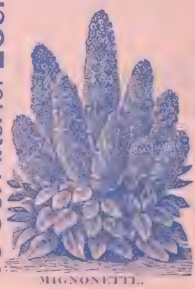
MARIGOLD.
Mixed. 5c. Pkt.

CHRYSANTHEMUM.
Mixed Annual. 5c. Pkt.

PHLOX.
Mixed Colors. 5c. Pkt.

CALLIOPSIS.
Mixed. 5c. Pkt.

10 5c. Pkts. for 25c.

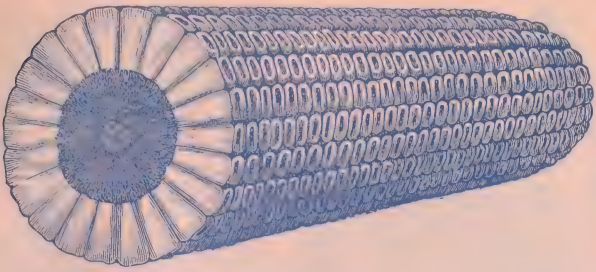


MIGNONETTE.
Sweet Scented. 5c. Pkt.

Mailed free to any address in the U. S.

DIANTHUS CHINENSIS.
China Pinks. 5c. Pkt.

EXTRA EARLY HURON DENT CORN.

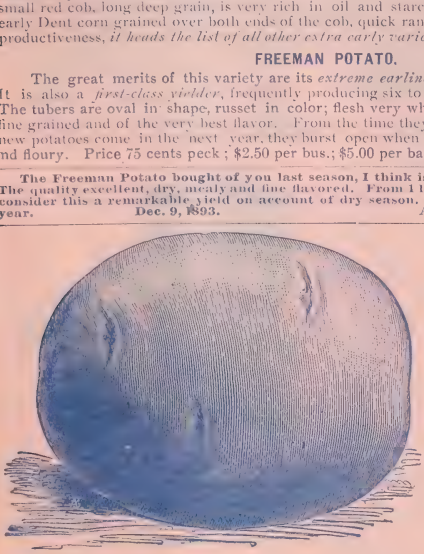


The most perfect shaped ears, economical grain and *earliest Dent corn in the United States.* This new extra early Huron Dent will ripen in many Northern States where heretofore they have only been able to grow the flint varieties, and *is really the most valuable extra early corn ever introduced.* It is of a bright orange color, has good size stalk and ear, small red cob, long deep grain, is very rich in oil and starch, and is the only smooth, very early Dent corn grained over both ends of the cob, quick rank, strong growth and wonderful productiveness, *it heads the list of all other extra early varieties.* 50 cents peck; $1.50 bush.

FREEMAN POTATO.

The great merits of this variety are its *extreme earliness and long keeping qualities.* It is also a *first-class yielder*, frequently producing six to nine pounds from a single hill. The tubers are oval in shape, russet in color; flesh very white, both raw and when cooked; fine grained and of the very best flavor. From the time they are as large as hen's eggs until new potatoes come in the next year, they burst open when boiled and appear snow-white and floury. Price 75 cents peck; $2.50 per bus.; $5.00 per barrel.

The Freeman Potato bought of you last season, I think is the best Potato ever produced. The quality excellent, dry, mealy and fine flavored. From 1 lb. seed raised nearly 100 pounds; consider this a remarkable yield on account of dry season. Will plant my entire crop this year. Dec. 9, 1893. ABE CRIST, Madisonville, O.



RURAL NEW YORKER No. 2.

A potato of most distinct appearance, very large and unusually smooth, with few and shallow eyes; in form it is oblong, inclining to round, and rather flattened; the skin is white, as is the flesh, which is of a superior quality. In maturity the variety is intermediate, and its solidity and vigor are such that it has rotted less in very wet seasons than any of the numerous sorts grown with it. Price, 50 cents per peck; $1.50 bushel; $4.00 per barrel.

EARLY OHIO JR. POTATO.

This variety is almost identical with the Early Ohio in the form and marking of the tubers, habit of growth, etc. The tubers are oval oblong, round at the seed end, with full eyes, that are almost even with the surface. It is an excellent keeper, very productive, of fine quality, and has proven a most valuable addition to our list of Extra Early varieties. 50 cents per peck; $1.50 per bushel; $4.00 per barrel.

SCARLET OR CRIMSON CLOVER.

Scarlet Clover is an annual, and where a single crop is required, this is one of the best clovers that can be grown. It makes good hay, and is excellent for feeding green, the yield being immense, and after cutting, it at once commences to grow again, and continues until freezing weather. It grows from 1½ to 2 feet high, with magnificent root formation extending 4 feet deep, even in unfavorable soils. It can be turned under for fertilizer, or will produce eight tons of green fodder on good ground, or two or three tons of superior hay. It flourishes on poor soils, and furnishes for them more plant food in a short time than can be done in any other way.

Price, 15 cents per lb. (by mail postpaid 25 cents per lb.), 100 lbs., $14.00.

BLACK EYE, OR SOUTHERN COW PEA.

An old and popular pea which has been in use throughout the South many years, and becoming quite popular in the North on account of its table qualities, as well as soil improver. Sow in May, June or July.

15 cts. quart; 75 cts. peck; $2.50 bushel.

ROSES—EVERBLOOMING.

American Beauty—Flowers and buds very large; color, deep glowing carmine, with richest fragrance. It is a strong grower, continuous bloomer.

Clothilde Soupert—Large flowers beautifully formed, of a pearl white color; shaded at center silvery rose.

Duchess de Brabant—Soft rosy flesh, changing to deep rose, edged with silver, extra free bloomer.

Duchess of Albany—A magnificent Hybrid Tea of great size and beauty. It is a sport from La France, and its color is the deepest shade of pink, with a satiny luster. Exceedingly fragrant and of perfect form.

Mad. Camille—Delicate Salmon pink, reverse of petals veined white, large and full, very sweet.

Mad. Welch—Outside petals pale yellow, center deep orange, flowers large and fine.

Marie Lambert—A pure white ever-blooming rose of large size and delicious fragrance. One of the best.

Narcissa—A pale lemon yellow, free, of medium size, very pretty and good bloomer.

Souvenir de La Malmaison—A noble rose. The flowers are extremely large and double, the center flesh color, clear and fresh.

Souvenir de Wootten—An extra free-flowering variety. It produces an unusual quantity of beautiful rosy, crimson flowers, of fine shape and very double.

The Queen—Pure white, vigorous and healthy grower and continuous bloomer, producing a great abundance of buds and flowers all through the season.

Waban—A fine, strong growing red sport from Mermet. This is a fine forcing rose, and the color commends it on account of its depth and lovely shading.

Small plants 10 cts. each; $1.00 per doz. Large plants 30 cts. each; $3.00 per doz.

New Dwarf Large-Flowering Cannas.

CANNAS.

CROZY'S DWARF FRENCH.

Madame Crozy.—4 ft. The immense flower heads of the deepest vermilion, gold bordered, and these flower heads follow each other so rapidly that the plant is always in bloom. The petals are very wide and broadly rounded; foliage green.

Star of '91—3 ft. Good foliage, and has a persistent habit of throwing up fresh sprouts from the base. Every sprout produces a flower spike. The color is glowing orange scarlet, faintly banded with golden yellow.

Childsii—3½ ft. Foliage strong, color light green; flowers good size, clear yellow, brilliantly spotted crimson.

Adolph Wieck—Green leaves, with very large brilliant scarlet flowers, almost as large as a Gladiolus. Exceedingly handsome.

Antoine Crozy—Rich, deep green foliage; a strong, vigorous grower and free blooming; flowers of a bright cherry carmine; very effective. 4½ feet.

Emile Leclaire—Flowers large, bright golden yellow, mottled and spotted crimson and scarlet.

20 cents each. $2.00 per doz.

CANNAS TALL GROWING.

Discolor—8 to 10 ft. Magnificent bronzy red leaves, flowers small, red, very late bloomer. Best tall foliage variety.

Robusta Perfecta—A most distinct and handsome sort, bearing immense leaves 12 to 18 inches wide and 3 feet long, of a bright bronze-red color; 6 to 7 feet high.

20 cents each. $2.00 per doz.

Ehemani—A very broad, emerald green leaf, clearly veined; growth most luxuriant. The flower heads are well above the foliage and each individual flower with a long crimson tube distinguishing it from all other Cannas.

DOUBLE DAHLIAS.

Abbe Bertin—Maroon, very dark, free and early bloomer, dwarf plant about 2 feet high, flower ball-shaped with long stem.

A. D. Livoni—4 ft. This is the most lovely form of any pink Dahlia. Has long stems, petals beautifully quilled, regular and double to the center. An early and profuse bloomer.

Gem—3 ft. Deep crimson; very double and a good bloomer.

Guiding Star—(Pompon). Flowers pure white, of the most perfect shape; the edges of the petals are beautifully fringed. The plant is dwarf and bushy, and very free flowering. One of the best for cut flowers.

Jewel—White, blotched and variegated with red.

Lucy Fawcett—3 ft. Yellow, striped scarlet; large flowers produced freely on long stems.

Miss Thatcher—3 ft. Flowers large, full double, clear sulphur yellow, carried on stout stems well above the foliage; earliest, most constant and prolific bloomer.

Double Dahlias.

White Dove—Flowers are extra fine, double, pure white, stems very long; height 3½ feet. The cut flowers of this variety are more sought for by the florists than any other.

20 cents each. $2.00 per doz.

CHRYSANTHEMUMS.

Cullingfordii — Reflexed, brilliant velvety crimson, shading to scarlet.

Excellent—An exquisite shade of delicate shell-like pink, large, finely formed flowers, gracefully drooping and double to the center.

Gloriosum—Very light lemon color. Flowers very large, petals narrow, curled and twisted. A beautiful yellow.

Kioto—Deep yellow, with a peculiar waxy lustre; petals incurved and twisted like talons.

Lillian B. Bird—Beautiful light pink extra fine.

Louis Boehmer—Clear lilac, incurved petals, feathered like those of Mrs. Alpheus Hardy, but a better flower and stronger grower. No collection is complete without it.

Walter W. Coles—Very bright reddish terra-cotta, reverse pale yellow; outer petals broad, long, pointed and horizontal; center, short petals, bright gold folded into pointed threads, and whorled. A very large flower, and exquisitely beautiful.

L. Canning—Clear white, large flat flower.

Miss Jessie Hinzey—A bright canary yellow variety; large incurved flowers of perfect form and fine substance.

Mrs. Alpheus Hardy—(Ostrich Plume.)—A magnificent pure white variety of the largest size and perfect form, splendidly incurved. Purity of color, size, form, and all the essentials of a fine Chrysanthemum.

Mrs. Fottler—A large double flower, very full, opens flat but develops into a half-sphere; color clear soft rose, free flowering and of symmetrical form and growth.

Robert Bottomley—Large, pure white, irregularly twisted and incurved.

W. H. Lincoln—Bright yellow, large splendid flower.

10 cents each. $1.00 per dozen.

CARNATIONS.

Grace Wilder—Clear pink. long stemmed flowers, thrifty and constant bloomer.

Fred Creighton—Rich salmon pink, petals fringed, florets large and fragrant, on long stems.

Golden Gate—This is the finest of all the yellow varieties, full and double as Buttercup, but a brighter golden color. It is a very vigorous and healthy grower.

Hinze's White—Flowers very large and of perfect shape; color white, with a delicate creamy tint; rich clove fragrance.

Lizzie McGowan—An elegant white variety that is destined to become very popular, being of the purest white color, large, full and very attractive; very prolific and fragrant.

10 cents each. $1.00 per dozen. Large plants, 25 cents each.

President Garfield—Color a deep scarlet crimson; ends of petals twirled in shell like fashion. The flowers are produced in great abundance.

Portia—The finest scarlet and most productive of its class. Strong grower, free bloomer, an excellent sort.

Silver Spray—Unusually free blooming; flowers produced on long stems, very large and perfectly formed. Never bursting, pure white in color and beautifully fringed.

Star Light—Flowers large and of perfect shape, of a light canary yellow color.

Tidal Wave—Brilliant rosy carmine, fine form and substance. One of the best.

ALBINO TUBEROSE.

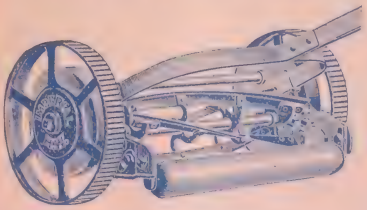
New Early Flowering, Branching Tuberose.

"Awarded a certificate of merit by the National Florists' Convention, U. S. A."

The distinctive features of this single white tuberose are such as to make it most popular. The petals recurve gracefully, which add greatly to the size of the individual flower. The flower spike is very large and evenly filled; flowers **30 days** earlier than the old single variety, throwing from **two to five flower stems from a single bulb**, the tube and expanded sepals being of the purest waxy white, making it one of the most valuable plants ever introduced for cut flowers. Resembles a Stephanotis, or some species of Jessamine as much as a Tuberose, both in appearance and fragrance, for the odor is less heavy than that of the ordinary Tuberose. 15 cents each; $1.50 dozen; $10.00 per 100.

Persons purchasing Seeds at our store, or who wish to pay their own express charges, may deduct 10 cts. per lb. from all seed bought by the pound, if quoted at prepaid rates.

Imperial High Wheel Lawn Mower.



In the "Imperial" we offer the very finest quality *Mower* made. The principal feature of this machine is that the bottom knife-bar is bolted to the sides, thus making the frame perfectly rigid, while by a new patent hanger the revolving cutter is adjusted to the bottom knife. This is the reverse of the adjustment in all other mowers. When the knives are properly adjusted a lock screw secures them in position.

The *positive triple ratchet* is the simplest and most durable made. The *gears* will wear much longer than those in other mowers, as they do not move when the machine is reversed. Our patented *terrace mowing attachment* has proved a valuable addition, being very simple and effective.

It can be sharpened easier than any other mower by putting oil and emery on the knife and inserting a nail or piece of wire in the hole in the large gear and turning backward. This does not necessitate either taking off drive-wheels or pinions, or changing the ratchet or pawls, which is the case with ALL other mowers.

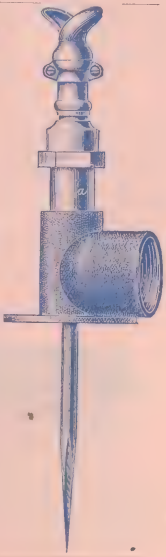
This is the only machine that stood the entire season's mowing at the World's Columbian Exposition Grounds without a single repair.

14-inch	Manufacturer's price, $20.00	Our price, $ 8.00
16-inch	" " 22.00	" " 8.75
18-inch	" " 24.00	" " 9.50
20-inch	" " 26.00	" " 10.50

Am well pleased with the F. & N. Lawn Mower. It runs easily and cuts nicely.
May 1, 1893 GEO. HAFER, Avondale, City.

LAWN & SCARIFYING RAKE.

The grass is greatly benefited, and withstands the effects of dry weather much better if the earth around the roots was lightly stirred or scarified. That this treatment is as essential to a good growth of lawn grass as hoeing to a field of cabbage. Lawns where it has been used have kept fresh and green throughout the Summer, while others adjoining were parched and brown. THE ONLY RAKE MADE FOR THE CULTIVATION OF LAWNS. This Rake will also be found well adapted for use on fine gravel walks. **PRICE, 60 CENTS.**



Water Witch Lawn Sprinkler.

In constructing this device the main object was to produce a sprinkler that would scatter the water *more evenly* and over a *larger area* than would any other sprinkler. This purpose has been fully realized in the "WATER WITCH."

The water flows through the nozzle with *unimpeded* force and is divided and deflected by the two lips of the swivel piece, which it causes to revolve rapidly, scattering the water in *fine drops* and *evenly* over a circular area of *twenty-five* to *forty* feet diameter. The delivery through a *large orifice* prevents clogging by impurities in the water, that source of frequent trouble with sprinklers which scatter by means of fine holes in the nozzle. **PRICE, 75 CENTS.**

WOOD HOSE MENDERS.

The simplest, cheapest and best Hose Menders, ½ in. 5 cts. each; 40 cts. doz.; ¾ in. 6 cts. each, 50 cts. doz.

AERATING PUMP.

It purifies foul and offensive Cistern Water and makes it sweet and wholesome by forcing a stream of pure air down to the bottom of the cistern. The air thus forced into the water immediately rises to the surface, and in its passage upward, agitates it thoroughly, while a large quantity of its oxygen is absorbed by the water.

It is one of the most perfect water pumps ever produced, and by simply turning the small lever at the front side of the base, so that the letter W on it is upward, and turning the ball at the top of the piston rod the same way, it pumps water the same way as any pump. By reversing these and bringing the letter A upward, it pumps air downward as before.

If the cistern is very foul, pumping air five minutes a day will usually restore it within a week's time, and thereafter a few strokes of air occasionally after pumping water, will keep it pure and wholesome.

The pump can be placed in the sink in the house or at any other convenient place, and operated just as well as if it were directly over the cistern. As most cisterns are located outside of the house, this feature is very important, and this is the only **aerating pump** possessing it. If it were necessary to place the pump directly over the cistern, it would necessitate going out doors every time water was wanted, whether in cold or hot weather and whether wet or dry. It is perfectly anti-freezing. When through pumping water in cold weather turn the valve levers to air, give a few strokes of the handle and all water in the cylinder and suction pipe will be expelled, thus avoiding all possibility of freezing.

Care is used in both material and workmanship. The cylinder is brass lined. The valve seats are of brass, and the piston has brass valves. The piston rod is of steel and is guided, so that it works central in the cylinder without oscillation. The handle and fulcrum pins are of compressed steel and fit closely. The top can be revolved to bring the handle in any direction. If one has a common style of iron cistern pump, all that is required is to screw the pump off and put the aerating pump on its place, using the same pipe. No new pipe is required. The pump will connect with either iron or lead pipe, the base being fitted with brass union sleeve for lead pipe, and threaded for 1¼ inch iron pipe as well. Price $10.00.

COLUMBIA FLOWER TUBS.

These tubs being made of the best pine lumber will keep for years without rotting. They are made of 12 staves in tapered shape, held together by two steel wires, which are connected with substantial iron handles, and so arranged that the wire can be tightened or loosened by simply tarning nut on handle. We furnish these tubs in a heavy oil paint in dark wine color, or in green, highly finished and varnished. We manufacture them in five sizes as follows:

12-inch	diameter,	by	11	inches	high	.....	$1 00
15	"	"	" 14	"	"	.....	1 50
18	"	"	" 16½	"	"	.....	2 00
21	"	"	" 18½	"	"	.....	2 50
24	"	"	" 20½	"	"	.....	3 00

MONITOR HAND PUSH CARTS.

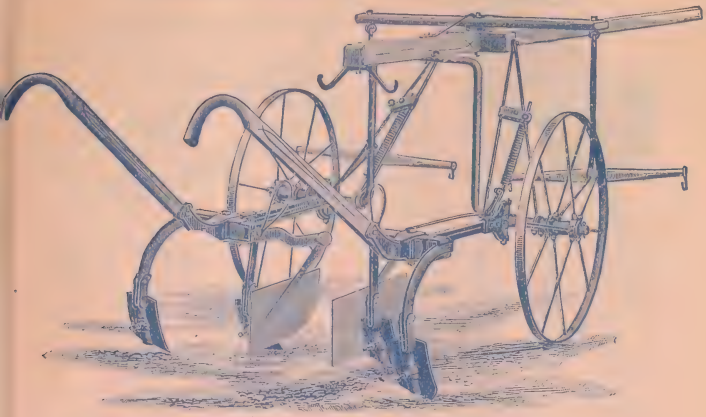
The monitor hand cart is thoroughly painted and varnished, and is useful for Farmers, Market Gardeners, Grocers, etc. The frame of body is made of steel, riveted together; is light and very strong, with wooden box inside. *Springs*, fine oil tempered. *Wheels*, best metallic made.

The monitor weighs only about one-third of an ordinary wooden hand cart, the *lightest, strongest* and *best* hand cart manufactured.

No. 15. Body 40x26x10 in., three wheels, drop end board; will carry 400 lbs. Price, $12.00.
No. 16. Body 40x26x10 in., three wheels, *covered cart with two doors, one on the end and one on the side*; will carry 400 lbs. Price, $16.00.

Market Gardeners and all others desiring "Good Seeds" will find it to their interest to trade with us.

THE MARVEL PARALLEL BEAM CULTIVATOR.



The above cut shows style of our Marvel Parallel Beam Cultivator.

To Dealers and Farmers we can safely say and assert that the Marvel has embodied in it points of excellency necessary in the construction of a first-class Cultivator.

The simplicity of the Adjustable Beam Springs; the ease with which they work; improved Beam Coupling. A very important point to consumers is the taking up of lost motion at end of the Beam.

Parallel Motion, a feature now well understood by Dealers and Farmers, is a device to keep the shovels "face front," or at right angles with the line of draft. This parallel movement is perfect and absolutely avoids side draft on the shovels. We could name many other excellent points, but suffice to say that a trial will test the virtues. With two sets of Bul Tongues, $18.00.

THE EMPIRE ROTARY DROP HAND PLANTER.

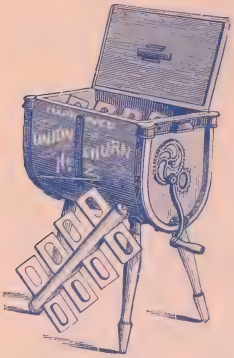
The only Hand Planter made that has a polished steel foot iron, a gravitating pawl and stop latch to operate the seed plates, and has no springs to break or get out of order. It has an iron cut off, drops as accurately as the best make of horse planters, and is warranted to work in any soil where a hoe can be used.

Each planter has three sets of seed plates for different sized seed, each plate seven seed chambers, and all its parts are easily and quickly changed, making the most desirable planter on the market. Price, $1.00.

The Daisy Bone Cutter gives good satisfaction. Just the thing for green bones.
WM. FLUCK,
March 15th, '93. Mt. Lookout, O.

THE CYCLONE SEEDER.

The Cyclone is a geared machine and works with a crank which seems to be the favorite; is strongly built of the best material. It sows Clover, Timothy, Millet, Flax, Wheat, Oats, Corn and all other Seeds and Grain, perfectly even and in any desired amount. It has a four-inch clear throat and can not be choked, even with strawy oats. It will with proper care last a life time, only needs a trial to prove its superiority. Price, $2.50.



THE IMPROVED UNION CHURN.

It is made with a heavy stave bottom, supported by strong hoops, with patent adjustable fastenings, ventilating cover, thermometer for testing temperature of cream, gear wheels to increase the motion of the double-acting dasher, which creates four distinct counter currents of cream at every revolution. The inside irons are all tinned to prevent rusting, and the churn has no projections inside, being easy to clean For strength, durability, neatness, adjustability, ease of operating, and rapid, thorough work, it has no equal.

No. 1, holds 5 gallons.....$4.00
" 2, " 7 " 4.25
" 3, " 10 " 5.00

DASH CHURNS.

Made of ash; varnished; hoops painted red; with improved patent dasher.

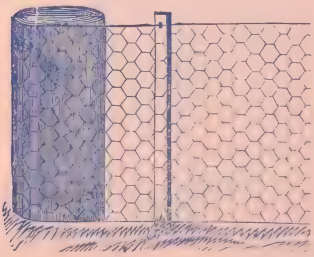
No. 0, holds 3 gallons.....$0.80
" 1, " 5 " 1.00
" 2, " 7 " 1.25

THE HERO BAIL CHURN.

It is constructed of select quartered white oak. It has no rim to obstruct the opening in the head, thus giving free access to the full size of barrel. The hooks and projecting parts are made of galvanized malleable iron that will not rust or break. The forged steel bails afford convenient handles for carrying or removing the churn. The cover is fastened by our patent eccentric knuckle. It has no equal on the market for convenience, ease of operation and positive lock.

No. 0, holds 6 galls., churns 3 galls.....$3.50
" 1, " 10 " " 4 " 4.00
" 2, " 15 " " 7 " 4.25

I caught 36 Moles with Isbel Trap this summer, and I calculate every one to do $5.00 damage when alive. I got into the right way of setting, and can now catch one every time I set it. I would not take $100.00 for it if there was no more.
GEORGE COX, Panesville, O.
October 20, 1893.



GALVANIZED WIRE NETTING.

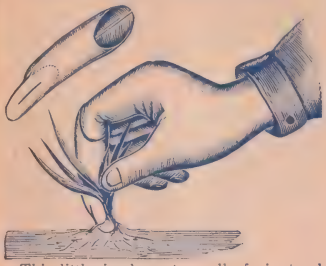
The best thing for making poultry yards, better looking and cheaper than laths, and permits more light and air to enter.

24 ins. wide, per bale of 150 lineal feet, $3.00
30 " " " 150 " 3.75
36 " " " 150 " 4.50
48 " " " 150 " 6.00
60 " " " 150 " 7.50

Any required length cut from above sizes at 1½ cents per square foot.

WAYNESVILLE, O., May 31, 1892.
DEAR SIRS:—I hand you draft for the Garden King Hand Cultivator. It is a success and does good and satisfactory work and where the ground is reasonably smooth and mellow it is a pleasure to use it and runs with ease. Respectfully,
J. H. MORGAN.

BREENS PATENT "FINGER SPADE."



This little implement, small of size, and conveniently carried in the vest pocket, as will be seen from the cut, is worn on the forefinger, or in some cases on two or more fingers, and is provided with a small spade, it may be called, at the end. It can be worn with a glove or without, and not only protects the fingers from dirt and injury, but permits all kinds of operations in weeding and otherwise treating plants, that can not be performed with the bare fingers. The inventor is a gardener, and hit upon this useful expedient to facilitate his own work. No one who has a garden, or window plants, can afford to be without it, costing as it does a mere trifle. Conceded by competent authorities to be the most distinctively new and useful Weeding Implement extant; it needs only to be seen to be appreciated, and once worn never to be done without. Price 10 cts. each. $1.00 per dozen, by mail, post paid.

HOT BED SASH.

These sash are made from strictly **Clear Cypress Lumber**, and warranted perfect. White lead used on the tenons, and iron dowell pins at the corners.

They are practically indestructible and you can not afford to use any other.

No. 1—3x6 feet, 3 rows, 10 inches, glass; $1.75 each. $17.00 per dozen.

No. 2—3 ft., 2 in. x 6 ft., 4 rows, 8 inch, glass; $1.85 each. $19.00 per dozen.

No. 3—4x6 feet, 5 rows, 8 inches, glass; $2.00 each. $21.00 per dozen.

Dear Sir: The Hot Bed Sash bought of you sometime ago, I consider the best and finest Sash have ever handled, and am thoroughly satisfied with them.
May 25, '93. WM. F. MURPHY, Price Hill, O.

Lenox Knapsack Sprayer.

(*22 Quarts.*)

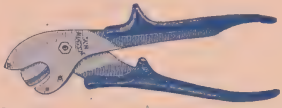
For Garden, Field, Grape, and Small Fruit culture.

$3.50.

ONE MAN DOES the work of 12, and need not to stoop down either.

Spray as fast as you walk. No waste whatever. Spray stops by releasing the pressure of the thumb, *No machinery* to get out of order. *Simple as your milk can.* Has an Agitator on the left side to stir the liquid. *Costs less than all others. Never rusts. Never out of order.* Adjustable to man or boy. *To spray* trees and vines turn nozzle up. We recommend it to be the best and cheapest one on the market. Price $3.50.

LEVIN PRUNER.



Strongest, simplest and easiest working Hand Pruner in the world. Price $1.00.

SHINING LIGHT AXLE GREESE.

This is the best grease for buggies, wagons, mowers, reapers, etc. Adapted for all lubricating purposes on light or heavy work. It will wear longer and make a wagon pull easier than any other grease in the market. It is also an excellent preparation for all sores on man or beast, as a hoof ointment it has no equal.

1 lb. box, 10c.; 3½ lb. pails, 25c.; 10 lb. bucket, 75c.; 15 lb. bucket, 90c.

FIR TREE OIL.

Soluble insecticide effectually destroying all kinds of pests to which plants are subject. Equally effective on animals and is harmless to the skin and hands when used as a wash. Full directions with each bottle. Per qt. $1.25; pint, 75c.; ½ pint, 50c.; small bottle, 25c. (Liquid Insecticides can not be sent by mail.)

RAFFEA.

For tying plants. The best; ready for use. Per lb. 30 cts. (By mail, 40 cts.)

LABELS.

Wooden, for pots, plain. 4 in. per 100, 10c.; per 1,000, 90c.; 5 inch per 100, 15c.; per 1,000, $1.00; 6 in. per 100, 20c.; per 1,000, $1.50.

Painted, 4 in. per 100, 15c.; per 1,000, $1.00; 5 in. per 100, 20c.; per 1,000, $1.50.

GRAFTING WAX.

Per ¼ lb. bar 15c.; ½ lb. bar, 25c.; 1 lb. bar, 35c. By mail, add 15c. per lb.

GARDEN LINES.

Best braided, 200 feet, $125; 100 feet, 65c.

GARDEN REEL.

Wrought Iron, 90c.

KNIVES.

Pruning—English: $1.25 to $1.75 each.
Budding—Each, $1.25 to $1.75.

PRUNING SAWS.

Double Edge; 16 inch, 60c.; 18 inch, 75c.

BOYS' SPADES.

Steel polished, light and strong, 40c.

PURE BONE MEAL.

Our Bone Meal is ground fine, and is of great value mixed with soil for potting purposes, for which one part of meal to 10 of soil is about the right proportion. It is invaluable for top-dressing lawns: 5 lbs. 30c.; 10 lbs. 50c.; 35 lbs. $1 00; 50 lbs. $1.50; 100 lbs. $2.25, bag of 200 lbs. $3.75.

NITRATE OF SODA.

This is valuable solely for the nitrogen it contains, equal to twenty per cent. of ammonia. It is chiefly a stimulant, it is used in addition to other fertilizers. It is very quick in action and hastens the maturity of crops fully two weeks, and besides renders the mineral plantfood of the soil more assimilable. It is valuable for grain, fodder corn, sugar beets, potatoes, grasses, peas, beans, clover, etc., and is generally an effectual remedy for clover sick land.

Being extremely soluble, it should not be applied until the plants are above ground, when 100 to 150 pounds per acre, mixed with land plaster, for convenience in applying, is generally used. Per lb. 5c., per 100 lbs. $4.00.

KAINIT, POTASH SALTS.

Kainit is a natural product of the mine, containing nearly 13 per cent. pure Potash in the most available form for plant food. It also contains Sulphate and Chloride of Magnesia, Sulphate of Lime and Salt. All of recognized value as fertilizers. Kainit is applicable to all cultivated crops, improving the quality as well as quantity. Put up in bags 200 lbs. each. Price single bag, $2.60 per bag, 5 bags or more, $2.40 per bag or $24 per ton. Use 200 to 400 lbs. per acre. For small grain drill in, for cultivated crops plow under.

COTTON SEED MEAL FERTILIZER.

The value of Cotton Seed Meal as a fertilizer, while not so extensively known, is well established, and its use for this purpose is yearly becoming more extended. In many of the New England States it is largely used, while the sugar growers of Louisiana are adopting it to the exclusion of all other fertilizers. Per 100 lb. bag, $1.50; per ton, $26.00.

PREMIUM.

As the demand for *Summer Flowering Bulbs* is yearly increasing, and to simplify their culture we offer a ***Treatise on Bulb Culture.*** An invaluable treatise, telling how to grow bulbs for winter flowering in the house, greenhouse, conservatory or window, and for spring flowering in the garden. It also treats on summer flowering bulbs. It gives designs for beds of bulbs and much other valuable information. ***Price post paid 25 cents.*** Given as a premium with each order for *Summer Flowering Bulbs* amounting to $2.00 or over, at Catalogue prices at single or dozen rates.

FOR HIGH GRADE VEHICLES

AT

MODERATE PRICES

— TRY —

McCullough Buggy Company,

58 & 60 Walnut Street, Corner Second, Cincinnati, Ohio.

They can save you money and give satisfaction. Catalogue free. Send for it.

GENERAL LIST

—OF—

- TESTED -
Vegetable Seeds

In the following list will be found the leading varieties of Vegetables, all of which have been thoroughly tested and grown from pure stock.

SEEDS POSTPAID BY MAIL.

We will send by mail, Postage Paid, any of the following list of Vegetable and Flower Seeds; except Peas, Beans, Corn and Field Seeds; for these add 10 cents per pint or 15 cents per quart to pay postage.

SPECIAL OFFER ON SEEDS IN PACKETS ONLY.

6 five cent packets for 25 cents.
14 five cent packets for 50 cents.
30 five cent packets for $1.00.

ALL PACKETS, UNLESS OTHERWISE MENTIONED, 5 CENTS EACH.

Market Gardeners or other large planters requiring larger quanities of seeds than are here offered are invited to write to us for special prices, particularly purchasers of Peas, Beans, Corn, Onion, Spinach, Cabbage and Turnip. In writing please state plainly whether you are a market gardener, florist, dealer in seeds, etc.

ASPARAGUS (Spargal, Ger.)

To grow Asparagus plants from seed, sow in drills about one inch deep, in rows a foot apart. Keep the soil mellow and free from weeds during the summer, and in the fall or spring the plants may be set out in beds about a foot apart each way; with the crowns four inches below the surface. Before winter, cover the transplanted beds with four inches of manure, to be followed in the spring by a coating of rough salt of 1 pound to the square yard. The quickest way to obtain a supply is to plant the roots. Two-year-old roots will insure the best and earliest results. One oz. for sixty feet of drill; about 400 plants to oz.

Colossal, a large and rapid grower, 10 cts. per oz.; 25 cts. ¼ lb.; 60 cts. lb.

Palmetto, an improved early variety, vigorous growth and large stalks, 10 cts. oz.; 35 cts. ¼ lb.; $1.25 per lb.

ASPARAGUS ROOTS.	COLOSSAL, two-year-old roots,	$1.00 per 100;	$7.00 per 1000
	PALMETTO, " " "	1.00 "	7.50 "
	BARRS MAMMOTH " "	1.00 "	7.50 "

BEANS, (Bohne, Ger.) Dwarf or Bush Varieties.

THE BEAN is a tender plant, and, therefore, should not be planted until danger from frost is past, and then may be planted with success throughout the entire summer in rotation. Sow in open ground, from the end of April to the first of August, in rows two feet apart, and thin from six to eight inches to the row. 1 qt. to 100 feet of drill, 2 bushels to the acre. **Add 10 cts. per pint, 15 cts. per quart, if sent by mail.**

HENDERSON'S NEW BUSH LIMA.

The New Bush Lima grows without the aid of stakes or poles, in compact bush form, from 15 to 18 inches high, and produces enormous crops of delicious Lima Beans. It is at least two weeks earlier than any of the climbing Limas.

5 cts. per packet; 15 cts. ½ pt. 25 cts. pt. 40 cts. qt.; $2.50 peck.

Early Long Yellow Six Weeks.—A fine string bean, very prolific; 10 cts. pt. 20 cts. qt. $1.15 peck.

Early Mohawk.—First early productive and very hardy; 10 cts. pt. 20 cts. qt. $1.15 peck.

Horticultural Dwarf.—Excellent quality as a Shell Bean, either green or dry. 15c. pt. 25c. qt.

Improved Round Pod Red Valentine.—Ten days earlier than ordinary Valentine; 15 cts. pint; 25 cts. quart; $1.25 peck.

Early Red Valentine.—Round, green pods, early and tender, good for string or pickling; 10 cts. pint; 20 cts. quart; $1.15 peck.

White Valentine.—Early, tender and fine flavor; 15 cts. pint; 25 cts. quart; $1.50 peck.

New Golden Wax.—Round, golden, waxy pods; early, prolific, stringless; the finest wax bean; 15 cts. pint; 25 cts. quart; $1.50 peck.

Black Wax.—Round, wax pods, early, stringless, solid and tender; 15 cts. pint; 25 cts. quart; $1.50 peck.

White Wax.—An excellent snap bean, also fine for shelling; 15 cts. pint; 25 cts. quart; $1.50 peck.

Ivory Pod Wax.—Transparent ivory white pods, very early, productive; 15 cts. pint; 25 cts. quart; $1.50 peck.

Canadian Wonder.—Large, green pods, broad and flat, very prolific; 15 cts. pint; 20 cts. quart; $1.50 peck.

Refugee.—Hardy, productive, flesh thick and tender, one of the best for pickling; 10 cts. pint; 20 cts. quart; $1.25 peck.

Best of All.—Early and of superior quality, round, green pods; 15 cts. pint; 25 cts. quart, $1.50 peck.

White Marrow.—A standard field variety, excellent for shelling; 10 cts. pint, 20 cts. quart, $1.00 peck.

Navy.—An old standard variety, good for Winter use, 10 cts. pint, 20 cts. quart, $1.00 peck.

White Kidney.—An excellent shell bean, the best for Winter use, 10 cts. pint, 20 cts. quart, $1.25 peck.

Turtle Soup, Black.—Used in making mock turtle soup, 15 cts. pint, 25 cts. quart, $1.50 peck.

Kidney Wax.—Vines, vigoroûs, hardy and productive. The pods are large, smooth and showy, tender and perfectly stringless, exellent winter shelled sort, 15 cts. pint, 25 cts. quart, $1.50 peck.

The IMPROVED SANITARY PUMP AND WATER PURIFIER complete for 10 foot Cistern $6.00, extra Buckets 12 cents per foot. If you want the best, and pure water you will use no other.

BEANS, (Pole or Runners.)

They are more tender, and require rather more care in culture than the bush beans, and should be sown two weeks later; they succeed best in sandy loam, which should be liberally enriched with manure. Form Hills from three to four feet apart; plant five or six beans in each hill, about two inches deep, leaving a space in the center for the pole. Limas will not grow until the weather and ground are warm; if planted they are apt to rot in the ground.

One quart makes 100 to 200 hills, according to size of the beans. 10 to 12 quarts will plant an acre.

Add ten cents per pint, fifteen cents per quart, if sent by mail.

Washington Market Lima. A new and superior Lima; the pods are very long and contain five large beans of superior quality, an excellent market, sort 20c. pint, 40c. quart, $2.50 peck.

Extra Large Lima. The finest flavored of all shell beans, 20c. pint, 40c. quart, $2.50 peck.

King of the Garden Lima. A vigorous grower, bearing profusely, the beans are large and of rich flavor, 20 cts. pint, 40 cts. quart, $2.50 peck.

Tall Black Wax. Very tender snap bean, with yellow pods, 15c. pint, 30c. quart, $2.00 peck.

Dutch Case Knife.—Early, productive, good for string or shell beans, 15 cts. pint, 25 cts. quart, $1.75 peck.

Horticultural (Wren's Egg or Speckled Cranberry).—Earliest and best shell bean, productive and tender, 15 cts. pint, 25 cts. quart, $1.75 peck.

White Creaseback or **Best of All.**—A green, pod bean, exceedingly productive, pods five to six inches long, perfectly round, with a crease in the back, stringless, very fleshy, early, and of fine quality, 15 cts. pint, 25 cts. quart, $1.75 peck.

Southern Prolific.—Long, round pods, produced in clusters, early and prolific, 15 cts. pint, 30 cts quart, $2.00 peck.

Cut Short or **Corn Hill.**—An old and popular variety, much used for planting among corn, excellent as a green shell or dry bean, 15 cts. pint, 30 cts. quart, $2.00 peck.

Scarlet Runner.—Ornamental variety with bright scarlet flowers, also a good string bean, 20 cts. pint, 40 cts. quart, $2.75 peck.

Lazy Wife's.—The pods grow from four to six inches long, entirely stringless, and of a rich buttery flavor when cooked. The pods remain green and retain their tender, rich flavor until ripe, excellent shell bean for winter use, 25c. pt., 40c. qt., $2.75 pk.

Kentucky Wonder.—A snap bean of wonderful growth, pods grow in clusters, are nearly a foot long, round and pulpy, 20 cts. pint, 40 cts. quart, $2.50 peck.

BEET, (Runkel Rube, Ger.)

Sow as early in spring as the ground can be worked, in light well-manured soil, in drills twelve inches apart, covering the seeds one inch deep and pressing the soil firmly over them. Thin out four inches apart for table beets, and eight to twelve inches for field beets, cultivate frequently. One ounce to sixty feet of drill, five to six pounds to the acre.

Table Varieties.

Edmand's Improved.—Very fine turnip-shaped beet of round form, good size, dark red color, and fine flavor, 10 cts. oz. 25 cts. ¼ lb. 70 cts. lb.

Early Eclipse.—The best and most profitable very early variety of excellent form, dark color and tender quality, 10 cts. oz. 25 cts. ¼ lb. 65 cts. lb.

Egyptian.—Extra early, flat, turnip-shaped, deep red, tender and sweet, 10 cts. oz. 20 cts. ¼ lb. 70 cts. lb.

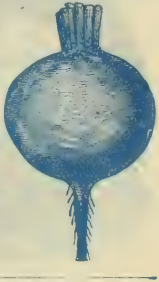
Early Bassano. Flat, turnip-shaped, light red, 10 cts. oz. 20 cts. ¼ lb. 60 cts. lb.

Dewing's Blood Turnip. Early, blood red, good size, smooth and handsome, 10 cts. oz. 20 cts. ¼ lb. 60 cts. lb.

Early Blood Turnip.—Early, dark red, well flavored extra, 10 cts. oz. 20 cts. ¼ lb. 60 cts. lb.

Improved Long Blood. Excellent late sort, dark and smooth, 10 cts. oz. 20 cts. ¼ lb. 60 cts. lb.

Swiss Chard. Cultivated for its leaves only, the middle-ribs of which are cooked like asparagus, 10 cts. oz. 25 cts. ¼ lb. 75 ct. cts. lb.



Golden Tankard.

SUGAR BEETS AND MANGEL WURZEL,

For Stock Feeding.

Lane's Improved Sugar Beet. Large, hardy and very productive 10cts. oz. 20 cts. ¼ lb. 45 cts. lb.

Silesian Sugar Beet.—Attains a large size and is highly valued for feeding, 10 cts. oz. 20 cts. ¼ lb. 45 cts. lb.

Golden Tankard Mangel.—Bright yellow, large, handsome, heavy Cropper, splendid quality, 10 cts. oz. 15 cts. ¼ lb. 40 cts. lb.

Mammoth Long Red Mangel.—Very large and productive, 10 cts. oz. 15 cts. ¼ lb. 40 cts. lb.

BROCCOLI, (Spargel Kohl, Ger.)

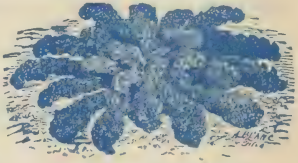
Resembles cauliflower, but hardier. Sow in a hot bed in May, and transplant to a rich, mellow soil in early July. Thrives best in a cool, moist atmosphere, and whatever will counteract the drought of our hot summers, will assist in the perfect development of the plants. One ounce to one hundred yards of row

Early White Cape.—Heads Medium, compact, creamy white, 25 cts. oz. 90 cts. ¼ lb.

Early Purple Cape.—Greenish-purple heads, hardy, good flavor, 35 cts. oz. 90c. ¼ lb.

BORECOLE, or KALE, (Blaetter Kohl, Ger.)

This may be sown in May and transplanted in the same way as cabbages. They make very tender and delicious greens in the Fall. After a touch of frost their tenderness will be much enhanced. Very hardy, easily grown, they deserve more general cultivation. One ounce to one hundred yards of row.



Dwarf German Curled Kale.

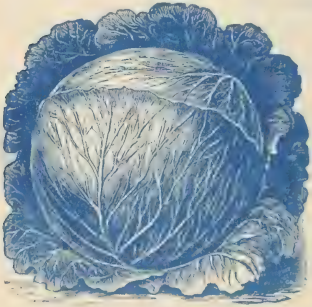
Dwarf German Kale.—Very hardy, a standard variety, 10 cts. oz. 20 cts. ¼ lb. 60 cts. lb.

Tall Scotch Curled.—One of the best, 10 cts. oz. 30 cts. ¼ lb. 80 cts. lb.

BRUSSELS SPROUTS, (Sprossen Kohl, Ger.)

This plant grows two or three feet high, and produces from the sides of the stalk numerous little sprouts one or two inches in diameter, resembling cabbage. The leaves should be broken down in the Fall to give the little cabbages more room to grow. They should in all respects be treated like Winter cabbage.

Dwarf Improved.—A variety producing compact sprouts of excellent quality, 25 cts. oz. 60 cts. ¼ lb. $1.75 lb.



CABBAGE, (Weisskopf Kohl, Ger.

This vegetable requires a deep, rich, mellow soil, high manuring, and good culture, in order to obtain fine, solid heads. For early use, sow seeds of the early kinds in the hot bed, or in a box in the house, the last of January or early in February, and transplant them in the open ground in April, in rows two feet apart and 18 inches between the plants in the row; or sow a bed of seed outside as soon as the soil can be worked, if you do not care for real early cabbage. These may be transplanted in about four weeks. For second early cabbage, sow in April and transplant in May. For late cabbage, sow in May and transplant in July, in rows three feet apart and two feet apart in the row. In transplanting cabbage or cauliflower, it is important that the plant is set down to the first leaf that the stem may not be injured in case of frost; be careful not

No. 22½ Harness cannot be excelled. Full Nickel or Imitation Rubber $15. Genuine Rubber Trimmed $16.75. Fully Warranted.

to cover the heart of the plant. Hoe every week and stir the ground deep. As they advance in growth, draw a little earth to the plants until they begin to head. To prevent the spliting or bursting of cabbage, go frequently over the ground, and start every cabbage that appears to be about to mature, by pushing them over sideways, which breaks the roots and checks the growth. For cabbage worm try "Slug Shot." One ounce of seed produces 1,500 to 2,000 plants, and sows an area of about 40 square feet.

Early Jersey Wakefield. The best very early variety, conical shape, solid sure heading, 20cts. oz. 75 cts. ¼ lb. $2.50 lb.

Henderson's Early Summer. The best large early cabbage, globular shape, a popular variety amongst market gardeners 25 cts. oz., 80 cts. ¼ lb., $2.75 lb.

Early Dwarf York,—Early and fine flavored, 15 cts. oz., 50 cts. ¼ lb. $1.50 lb.

Early Large York,—Early and much larger than the Dwarf York, 15 cts oz., 50 cts. ¼ lb., $1.50 lb.

All Seasons,—Early variety, heads large and solid, 25 cts. oz., 80 cts. ¼ lb., $2.75 lb.

Early Dwarf Flat Dutch.—Heads solid, good flavor, an excellent variety, 20 cts. oz. 60 cts, ¼ lb. $2.00 lb.

Flat Dutch.

Louisville Early Drumhead, (select stock). Early, heads of very large size and solid, the best and surest heading for all purposes, and will stand the entire summer, without burstiug, 30c. oz., 90 cts. ¼ lb. $3.25 lb.

Premium Flat Dutch, (select stock). Heads large and very solid, they open white and crisp, are tender and well flavored, for the Winter market it has no equal, 20c. oz. 60 cts. ¼ lb. $2.00 lb.

Fottler's Improved Brunswick.—A rapid grower, has large, solid heads, and but few outside leaves, an excellent second early or late variety, 20 cts. oz. 60 cts. ¼ lb. $2.00 lb.

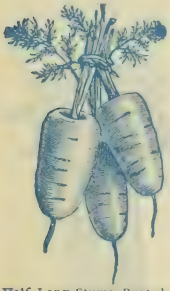
Large Late Drumhead.—Large, solid and tender, an excellent Winter cabbage, 20 cts. oz. 60 cts. ¼lb. $2.00 lb.

Mammoth Red Rock. Large, handsome heads, favorite sort for pickling, 30 cts. oz. $1.00 ¼ lo. $3.50 lb.

Red Dutch.—The old standard variety for pickling, 20 cts. oz. 60 cts. ¼ lb. $2.00 lb.

Improved Drumhead Savoy.—The finest flavored Winter cabbage, large, round, solid heads, 20 cts. oz. 60 cts. ¼ lb. $2.00 lb.

CARROT, (Moehren, Ger.)


Half Long Stump Rooted.

The carrot grows best in a light, sandy loam, well manured and cultivated. Sow as early as the ground can be worked, in drills 10 inches apart for the small sorts, and 14 inches apart for the larger kinds, thin out to 5 or 6 inches apart in the rows. One ounce of seed will sow 150 feet of drill, 4 lbs to the acre.

Early French Forcing.—The earliest variety grown, small, tender, fine quality, 15 cts. oz. 35 cts. ¼ lb. $1.00 lb.

Early Scarlet Horn.—An excellent table sort, fine color and flavor, 10 cts. oz. 30 cts. ¼ lb. 90 cts. lb.

Half Long Stump Rooted.—A fine grained table variety, of fair size and good color, 15 cts. oz. 30 cts. ¼ lb. 90 cts. lb.

Danver's Half Long.—Form and color very fine, the most desirable variety for the main crop, productive and keeps well, 10 cts. oz. 30 cts. ¼ lb. 90 cts. lb.

Improved Long Orange.—Large, heavy cropper, and excellent keeper, 10 cts. oz. 30 cts. ¼ lb. 90 cts. lb.

Long Red Altringham. A standard variety, desirable for field culture, 10 cts. oz. 25 cts. ¼ lb. 75 cts. lb.

Large White Belgian. Large, long rooted variety, valuable for feeding stock, 10 cts. oz. 25 cts. ¼ lb. 75 cts. lb.

CORN SALAD, (Ackersalat, Ger.)

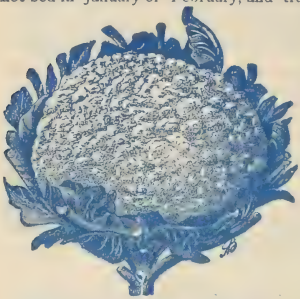
Used as a salad. Sow as early in Spring as the ground can be worked, in drills 12 inches apart, and cover lightly. For Winter and Spring use, sow in September, and Winter over in cold frames.

Large Seeded.—The standard variety, 10 cts. oz. 25 ¼ lb. 75 cts. lb.

Small Seeded. A popular sort, 10 cts. oz. 25 cts. ¼ lb. 75 cts. lb.

CAULIFLOWER, (Blumenkohl, Ger.)

The culture of cauliflower is similar to cabbage. It delights in a rich, moist soil, and in dry seasons should be abundantly watered, especially when heading. Sow seeds in the hot bed in January or February, and transplant the plants two or three inches apart in boxes, until such time as they are safe to be planted in the open ground. Set the plants 2 feet by 18 inches apart. When heading tie the outside leaves loosely over the head to protect it from the sun. One ounce gives 2,000 to 3,000 plants.



Henderson's Snowball Cauliflower.

Henderson's Early Snowball.—A very early dwarf variety, producing magnificent white heads of the finest quality. Its compact habit of growth renders it a peculiarly profitable variety to force under glass, and it does equally well for late planting, 25 cts. packet $1.00 ¼ oz. $3.75 oz.

Earliest Dwarf Erfurt.—This is the choicest, heads of the largest size, snowy whiteness, compact and beautiful form, 25 cts. packet, $1.00 ¼ oz., $3.75 oz.

Early Paris—A good standard variety, 5 cts. packet, 30 cts. ¼ oz. $1.00 oz.

Le Normand A large late variety, producing well-formed heads, 10 cts. packet, 35 cts. ¼ oz. $1.00 oz.

Veitch's Autumn Giant—One of the best late sorts, large, firm and compact, 10 cts. packet, 35 cts. ¼ oz. $1.25 oz.

CELERY, (Sellerie, Ger.)

Sow in a hot bed in March, and as soon as the plants are three inches high, transplant into a temporary bed in the open air, 4 inches apart. The plants may remain here till the first of July, and then removed to the trenches. The trenches ought to be a foot wide and deep, and 5 feet apart. Spread a layer of well rotted manure in the bottom of the trench and dig in. Set the plants in the bottom of the trench 6 or 8 inches apart. As they grow, cultivate with the hoe, and gradually earth them up, and by the end of September they will be blanched sufficiently for use. Never earth up while the plants are wet, and be careful not to let the soil get into the heart of the plant. Water carefully in dry weather. One ounce will produce about 4,000 plants.

Golden Self Blanching

Golden Self-Blanching—Close, compact perfectly solid, crisp, well-flavored and excellent keeper 30c ts. oz. $1.00 ¼ lb. $3.50 lb.

Dwarf Golden Heart—Its handsome color, medium size, fine flavor and good keeping qualities render it the leading sort 20 cts. oz. 60c. ¼ lb. $2.00 lb.

White Plume—A crisp, solid variety, with a pleasant, nutty flavor, almost self-blanching, the stocks requiring very little earthing up, very ornamental for the table, 30 cts. oz. 85 cts. ¼ lb. $3.00 lb.

Giant White Solid—Fine, large size, tall, and of stiff growth, 20 cts. oz. 60 cts. ¼ lb. $2.00 lb.

Boston Market-Dwarf-branching habit solid, crisp, well flavored, 20 cts. oz. 60 cts. ¼ lb. $2.00 lb.

New Rose A distinct red tinted sort, hardier, and of better flavor than the white or yellow varieties. The colored sorts are growing in favor, 30 cts. oz. $1.00 ¼ lb. $3.50 lb.

Golden Hearted Dwarf

Celeraic or Turnip Rooted The round, solid roots of this variety are used for flavoring, 20 cts. oz. 50 cts. ¼ lb. $1.75 lb.

Our present prices on VEHICLES and HARNESS are GOOD VALUE, and lower than could afford to be sold had We not made contracts some time ago. We give you the benefit of HIGH GRADES at low prices.

CORN.—Sweet, (Mais, Ger.)

The planting of corn should be begun as early in April as the weather will permit, and kept up at intervals throughout the season so as to keep up a constant supply. The first planting should be made of the "extra early" sorts, and the last planting of the Improved Evergreen Sugar, and you will not fail to have a constant supply from the middle of June to the middle of October. One quart plants 200 to 300 hills, eight to ten quarts for an acre. **Add ten cents per pint, 15 cents per quart, if sent by mail.**

Gold Coin. One of the most valuable varieties introduced. Its productiveness is enough to place it in advance of any sort now grown, yielding two to three mammoth ears to the stalk. The cob is snowy white, covered with large, deep grains. 10 cts. pint, 20 cts. quart, $1.25 peck.

Extra Early Cory. The earliest variety in cultivation, producing good sized ears, fine quality and productive, 10 cts. pint, 20 cts. quart, $1.10 peck.

Extra Early Adams.—An old standard white corn, ready for table sixty days after germination, not a sweet corn, 10 cts. pint, 20 cts. quart, $1.00 peck.

Early Marblehead. Good early corn, medium size, prolific, week later than Cory, 10 cts. pint, 20 cts. quart, $1.10 peck.

Early Minnesota. An early sort, of dwarf habit, 10 cts. pint, 20 cts. quart, $1.10 peck.

Crosby's Early. One of the finest early sweet corns, productive and of excellent quality, 10 cts. pint, 20 cents quart, $1.10 peck.

Moore's Concord. A second-early variety, larger than Crosby, excellent quality, 10 cts. pint, 20 cts. quart, $1.00 peck.

Black Mexican. Eight-rowed variety, of medium size, extremely sweet, the dark color does not show prominently in the green state, its merit is its sweetness, 15 cts. pint, 25 cts. quart, $1.25 peck.

Egyptian.—A late sort, ripening with Stowell's, largely used for canning, 10 cts. pint, 20 cts. quart, $1.10 peck.

Perry's Hybrid. Early and of large size, good for market, 10c. pint, 20c. quart, $1.10 peck.

Stowell's Improved Evergreen. The standard late sort, large ears, sweet, remains long green 10 cts. pint, 20 cts. quart, $1.00 peck.

Mammoth Sugar. Large, long, full ears, of excellent flavor, 10c. pint, 20c. quart, $1.00 peck.

Amber Cream—A rich, sugary and tender medium early variety, deep kernels, of amber color, white when ready for table use, 15 cts. pint, 25 cts. quart, $1.25 peck.

No. 000 Single Buggy Harness with Breast Collar $5.35. No. 24 Single Barouche Harness with Collar and Hames $10.00. No. 30½ Single, Heavy Express Harness with Collar and Hames $16.00.

Queen's Golden Pop Corn.

SEED POP CORN.

Add 10 cts. per pint, 15 cts. per quart, if sent by mail.

White Pearl.—Our common market variety, 5 cts. packet, 10 cts. pint, 20 cts. quart.

White Rice.—A handsome variety, kernels long and pointed, very prolific, 5 cts. pkt. 10 cts. pint, 20 cts. quart.

Silver Lace.—A strong, growing variety, color, silvery white, 5 cts. packet, 10 cts. pint, 20 cts. quart.

Queen's Golden.—The stalks grow six feet high, and the large ears are produced in abundance. It pops perfectly white. 5 cts. pkt. 10 cts. pint, 20 cts. qt.

We always have in stock a large supply of old corn for popping, and are prepared to fill all orders at market prices.

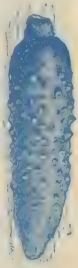
SWEET CORN FOR FODDER.

There is nothing better for green feed, or curing for winter, than sweet corn. Cattle highly relish it, and when fed on it, keep in fine condition and give an abundance of milk. It has the great merit of being so sweet and palatable that cattle eat every part of the stalks and leaves, and consequently none is wasted. Also excellent for soiling. Sow thickly in drills or broadcast at the rate of two to three bushels per acre 50 cents per peck, $1.50 per bushel, 10 bushel lots, $1.35 bushel. Subject to market change.

Early Cluster.

CUCUMBERS, (Gurken, Ger.)

As soon as the weather becomes settled and warm, plant in hills from four to six feet apart each way, with eight or ten seeds in in each hill, cover half an inch deep, smoothing the hill off with the hoe. Keep the soil well stirred, and when the plants are out of danger of insects, leave three or four plants to the hill. For pickles, plant from the first of June to the first of August. The fruit should be gathered when large enough, whether required for use or not, as, if left to ripen on the vines, it destroys their productiveness. 1 oz. for 50 hills, 1 to 2 lbs per acre.



Green Prolific.

Extra Early Russian—The earliest, hardy, prolific, excellent for small pickles, 10 cts. oz. 25 cts. ¼ lb. 75 cts. lb.

Early Cluster—A short, prickly variety, bearing in clusters, very prolific, 10 cts. oz. 25 cts. ¼ lb. 75 cts. lb.

Early Frame—Early, medium length, good for forcing, 10c. oz. 25c. ¼ lb. 75c. lb.

Improved White Spine—Medium length, dark green, crisp, well-flavored, prolific. One of the most popular varieties grown, 10c. oz. 25c. ¼ lb. 75c. lb.

Improved Long Green—Very popular, late variety, dark green, crisp, tender, and well flavored, 10 cts. oz. 30 cts. ¼ lb. 85 cts. lb.

Jersey Pickling—The best variety for pickling, short, straight, dark green, fine quality, great bearer, 10 cts. oz. 25 cts. ¼ lb. 75 cts. lb.

Green Prolific—One of the best for pickles, very uniform in growth, extremely productive, and its flavor makes it desirable also for a table variety, 10c. oz. 30c. ¼ lb. 85c. lb.

Nichol's Medium Green—An early cucumber, good for forcing or pickles, dark green, crisp, very prolific, straight and smooth, in length between the White Spine and Long Green, a decided acquisition, 10 cts. oz. 30 cts. ¼ lb. 85 cts. lb.

West India Gherkin—A small, green, pickling sort, used for pickling only, 15 cts. oz. 50 cts. ¼ lb. $1.50 lb.

CRESS OR PEPPER GRASS, (Kresse, Ger.)

A well-known pungent salad, can be used alone or with lettuce. Requires to be sown thickly (curling very slightly), at frequent intervals, to keep up a succession, as it soon runs to seed.

Extra Curled—Fine pungent flavor, extensively used as a salad, 10c. oz. 30c. ¼ lb. 75c. lb.

Water Cress—Hardy, aquatic, perennial, growing readily on the banks of streams or ponds, 10 cts. packet, 35 cts. oz.

No. 100 Heavy Delivery Wagon, just the thing for Country Stores, $132.50. Send for special illustrations.

ENDIVE, (Endivien, Ger.)

Sow in June or July, and transplant eight or ten inches apart in rows fifteen inches apart. Used as a salad, and requires to be blanched by tying the leaves together at the top and placing boards to exclude light. One ounce of seed to 150 feet of drill.

Green Curled—One of the best, dark green, finely curled, 15 cts. oz. 50 cts. ¼ lb. $1.50 lb.

Moss Curled—Beautifully and densely curled, very ornamental, 20c. oz. 60c. ¼ lb. $1.75 lb.

Batavian Broad-Leaved—A large summer variety, very productive, 20c. oz. 70c. ¼ lb. $2.00 lb.

EGG PLANT, (Eierpflanze, Ger.)

Sow seeds in a hot-bed in March in the same manner as tomatoes. As they are very susceptible to cold they should not be transplanted to the open ground until the weather is quite warm. Set the plants two feet apart each way. One ounce of seed will produce one thousand plants.

Long Purple—Early, deep purple, oblong, hardy, productive, excellent, color variable, 25 cts. oz. 75c. ¼ lb. $2.50 lb.

New York Improved—One of the best, very large, fine quality, 10 cts. pkt., 40c. oz., $1.50 ¼ lb., $5.00 lb.

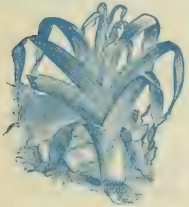
New York Improved.

KOHL RABI, (Kohl-Rabi, Ger.)
(TURNIP CABBAGE.)

When young and tender they are fine for table use, when matured they will keep well and are excellent for Winter feeding to stock. For early use sow in hot-bed, transplant and cultivate like early cabbage. For winter use sow the middle of June or first of July in rows 18 inches apart. One ounce of seed for 1,500 plants.

Early White Vienna—Flesh, white and tender, 20 cts. oz. 70 cts. ¼ lb. $2.25 lb.

Early Purple Vienna—An excellent sort, later than the White, 20c. oz. 70c. ¼ lb. $2.25 lb.



Large Rouen.

LEEK, (Lauch, Ger.)

The Leek is generally considered superior to the Onion for soups, it is very hardy and easily cultivated. Sow in drills, a foot apart, in April, and transplant in July, in rows fifteen inches apart, and six inches from plant to plant. They should be set five inches deep, in rich, moist soil. One ounce will produce about one thousand plants.

Large Rouen—One of the best, large and broad, of very mild, pleasant flavor, 25 cts. oz. 60 cts. ¼ lb. $2.00 lb.

London Broad Flag—Hardy, useful sort for general use, 20 cts. oz. 50 cts. ¼ lb. $1.50 lb.

LETTUCE, (Lettich-Salat, Ger.)

The most used of all salads, is of easy culture, being almost free from all diseases and insects. It requires rich, moist, soil, clean cultivating and plenty of water. This will give the quick growth on which depends its appearance, tenderness and flavor. Sow in a hot-bed in early spring, as soon as the ground can be well worked, transplant in good, rich ground, to rows 18 inches apart, and 8 to 10 inches in the rows. For a later supply, plant every two weeks from the middle of April until July, choosing varieties according to their heat-resistance, and their tendency to remain in condition without seeding. If sown to be cut young, sow thickly in drills or broadcast, but if strong, fine heads are desired, sow in drills one-fourth inch deep, 15 inches apart, and thin, rather than transplant, to 12 inches apart in the rows. One ounce of seed for 2,500 plants.

Tennisball

Buttercup—New variety from Germany, tender and delicate flavor, early, hard-heading, beautiful foliage, good either for summer or winter, 20c. oz. 50c. ¼ lb. $1.50 lb.

Early Curled Silesian—Very early and well-known sort, 15 cts. oz. 35 cts. ¼ lb. $1.00 lb.

Early Prize Head—Very large, crisp, tender, fine flavored, hardy, slow to seed, 20 cts. oz. 50 cts. ¼ lb. $1.25 lb.

Black Seeded Simpson—Like the ordinary Curled Simpson, it does not properly form a head, but a compact mass of leaves, but differs in being lighter colored, the leaves being almost white, stands the summer heat excellently, and attains a size nearly double that of Curled Simpson, 20 cts. oz. 50 cts. ¼ lb. $1.25 lb.

51¾ Brewster Spring Top Buggy, Light Special Design, only $62.50. This is a great Bargain.

Early Curled Simpson—Does not head, but forms a compact, close mass of leaves, excellent for forcing, 15 cts. oz. 35 cts. ¼ lb. $1.00 lb.

Black Seeded Tennis-ball Solid, dark-green heads, very hardy, one of the best for out-door growing, crisp and tender, 15 cts. oz., 35 cts. ¼ lb. $1.00 lb.

White Seeded Tennis-ball A fine, early sort, small heads, very hardy, valuable to grow in cold frames in winter, 15 cts. oz. 35 cts. ¼ lb. $1.00 lb.

Boston Market—The best forcing head sort. Very compact, and is beautiful white and crisp, 20 cts. oz. 50 cts. ¼ lb. $1.25 lb.

Improved Hanson A splendid out-door Lettuce, heads very close, solid and large, crisp, tender, sweet, green outside, white within, 20 cts. oz. 50 cts. ¼ lb. $1.25 lb.

All the Year Round Hardy, heads firm, medium, does not run to seed readily, 20 cts. oz. 50 cts. ¼ lb. $1.25 lb.

Paris White Cos The best of the Cos varieties, with long, upright leaves, blanches readily when tied up, 20 cts. oz. 50 cts. ¼ lb. $1.25 lb.

MARTYNIA.

The seed pods, when pickled green and tender, make excellent pickles. Plant in May in open ground, about 3 feet apart each way.

Proboscidea—25 cts. oz.

MELON, WATER (Wassermelone, Ger.

Kolb's Gem.

Water Melons require the same treatment and as described for the Musk Melon, but being more tender, should be given a southern exposure if possible. The hills should be eight feet apart. One ounce for 30 hills, about five pounds for an acre.

Black Spanish—Round, dark green, flesh scarlet, with delicious sweet flavor, 10c. oz. 25 cts. ¼ lb. 75 cts. lb.

Cuban Queen—A very fine variety, growing to great size, flesh bright red, very solid and sweet. Enormously productive and an excellent keeper, 10 cts. oz. 25 cts. ¼ lb. 75 cts. lb.

Kolb's Gem—Light green, nearly round, averaging thirty to fifty pounds in weight, flesh bright red, rich and sweet, a good shipper, 10 cts. oz. 25 cts. ¼ lb. 70c. lb.

Gipsy or True Georgia Rattlesnake—Very large, long and smooth and distinctly striped, flesh bright scarlet, a favorite shipping melon in the South, 10 cts. oz. 25 cts. ¼ lb. 70 cts. lb.

Mammoth Ironclad—Of large size and great weight, flesh deep red and of delicious flavor, 10 cts. oz. 25 cts. ¼ lb. 75 cts. lb.

Mountain Sweet Oblong, with dark green skin, flesh very solid and sweet, 10 cts. oz. 25 cts. ¼ lb. 70 cts. lb.

Phinney's Early—Productive, early, and finely flavored, red flesh, 10c. oz. 30c. ¼ lb. 90c. lb.

Peerless or Ice Cream Of medium size, thin rind, light green, flesh scarlet, solid to center, and sweet, 10 cts. oz. 25 cts. ¼ lb. 75 cts. lb.

Pride of Georgia Dark green, oval, a good shipper. If well grown attains a large size, 10 cts. oz. 25 cts. ¼ lb. 75 cts. lb.

Scaly Bark—The melons grow oblong in shape. The skin is smooth, dark green in color, mottled and striped, 10 cts. oz. 25 cts. ¼ lb. 80 cts. lb.

Seminole—This new variety is a most beautiful and attractive one. It is of two distinct colors, gray and light green. Melons of both colors are often found on the same vine, and while of large size, it is very early and productive. One of the principal points in its favor is its excellent quality, 10 cts. oz. 30 cts. ¼ lb. 90 cts. lb.

The Boss—A handsome, early, oblong variety, nearly the same thickness throughout, skin very dark, flesh deep scarlet, sugary and melting, 10 cts. oz. 25 cts. ¼ lb. 75 cts. lb.

True Dark Icing Is very solid, rind very thin, highly prized as a shipper, 10 cts. oz. 25 cts. ¼ lb. 75 cts. lb.

Light Icing—Solid, always of good flavor, and thin light green rind, 10c. oz. 25c. ¼ lb. 75c. lb.

Citron—A round, handsome fruit of small size, used for making sweetmeats and preserves, seeds red, flesh white, 10 cts. oz. 30 cts. ¼ lb. 75 cts. lb.

MELON, MUSK, (Zucker Melone, Ger.)

A light, rich soil is the most suitable for melons of all kinds. In very rich soil the hills should be 6 feet apart, in poor soil about 5 feet. Before planting the seed, mix about a peck of rotted manure with the soil in each hill. About the middle of May, plant the seeds half an inch deep. 6 or 8 in each hill. When the plants are well up, thin out, leaving 3 to a hill. One ounce of seed to 60 hills, 2 to 3 lbs. for an acre.

Hackensack—Early, large, round, netted, deeply ribbed, flesh green, very sweet and highly flavored, 10 cts. oz. 25 cts. ¼ lb. 75 cts. lb.

Jenny Lind—A small, very early variety, round, netted, flesh light green, excellent flavor, 10 cts. oz. 25 cts. ¼ lb. 85 cts. lb.

Orange Christiana—Early, very productive, thick fleshed, melting delicious, 15 cts. oz. 40 cts. ¼ lb. $1.25 lb.

Silver Netted Nutmeg.

Skillman's Netted—An early sort, roundish-oval flesh deep green, sweet, richly perfumed, delicious flavor, 10 cts. oz. 25 cts. ¼ lb. 75 cts. lb.

Silver Netted Nutmeg—An early round variety, green fleshed, delicious flavor, very prolific, one of the best, 15 cts. oz. 40 cts. ¼ lb. $1.25 lb.

Green Nutmeg—Very early, small, round, netted, green-fleshed sort, exceedingly sweet, 10c. oz. 20 cts. ¼ lb. 60 cts. lb.

Miller's Cream—A most delicious melon. The flesh is of a rich salmon color, very sweet and melting in quality and very thick. It is a strong grower and productive, 10 cts. oz. 30c. ¼ lb. $1.00 lb.

Vick's Prolific Nutmeg—One of the most deliciously flavored ever grown. One of the the first to ripen, and remarkably productive, for table use this variety stands at the head of the list, 15c. oz. 35c. ¼ lb. $100 lb.

Improved Cantaloupe—Flesh light green, very prolific, 10 cts. oz. 25 cts. ¼ lb. 75 cts. lb.

Bay View—A large, prolific, fine flavored cantaloupe, luscious, sweet, hardy, and a good shipper, 15 cts. oz. 40 cts. ¼ lb. $1.00 lb.

Casaba or Large Persian—Green flesh, oblong form and large size, 10 cts. oz. 25 cts. ¼lb. 75 cts. lb.

Chicago Market—Round shape, green flesh, fine flavored and very productive, 10 cts. oz. 30 cts. ¼ lb. $1.00 lb.

Montreal Market—Very large sort, nearly round, densely netted, deeply ribbed, green-fleshed, thick, and of delicious flavor, a great bearer and very popular, 10 cts. oz. 30 cts. ¼ lb. 80 cts. lb.

MUSHROOM SPAWN.

In preparing a mushroom bed, take three parts fresh stable manure, free from straw, and one part of good pasture soil. Mix thoroughly together, and let it stand until the heat has sunk to about 90°. Make the bed from this mixture about four feet wide, eight inches deep, and any desired length. As soon as the temperature of the bed is about 70° or 80°, the spawn may be inserted in pieces about the size of a walnut, and six inches apart each way. When the spawn is diffused through the whole bed, which will be in about ten days from planting, cover with two inches of fine loam, and press down firmly. Over this place a layer of straw about four inches thick. Do not water unless the surface gets extremely dry, and then only with water at a temperature of 80°. When gathering the crop, twist them off at the roots and do not use a knife. Cover the hole with soil to keep insects away from the root. Mushrooms can be grown in a great variety of situations: under the benches in a green-house, a dark room, cellar, stable or elsewhere. A pound of spawn will plant a space three feet by four.

Mushroom.

English Mill Track Spawn (in bricks), 15 cts. lb. (mail, 25 cts. lb.) 8 lbs. $1.00.

We offer for $62.50 each, a High Grade Brewster Sidebar also Elliptic End Spring Buggy, which cannot be duplicated by others—nothing cheap about them but the price—Remember Durability, Style and Low Price

MUSTARD, (Senf, Ger.)

Sow thickly in drills, eight or ten inches apart, in rich, loamy soil, covering the seeds half an inch deep. When young, the leaves are used in salad, and in a more advanced stage, as greens, in the same way as spinach. Sowing may be made from April to July.

White—The best for salads, the seeds are also used for mixing with pickles and for preserving cider, 10 cts. oz. 20 cts. ¼ lb. 35 cts. lb.

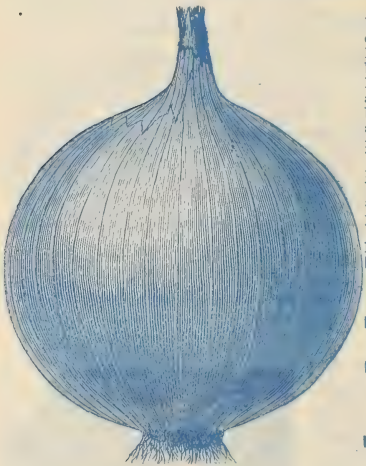
Brown—The mustard of commerce, more pungent than the White for this purpose, 10c. oz. 20 cts. ¼ lb. 35 cts. lb.

NASTURTIUM, (Nasturtium, Ger.)

The young seed-pods are much esteemed for capers, making very delicate pickles. The plants are also highly ornamental, and are worthy of a place in the flower-garden for the sake of their brilliant flowers.

Tall Mixed—15 cts. oz. 40 cts. ¼ lb. $1.25 lb. **Dwarf Mixed**—15 cts. oz. 40 cts. ¼ lb. $1.25 lb.

ONION, (Zwiebeln, Ger.)



Danver's Yellow.

A light, loamy soil suits the onion best, and it may be grown for many consecutive years on the same ground. Previous to sowing, the ground should be well manured and deeply plowed. Harrow and rake the surface smooth and even. As early in spring as possible, sow the seed in drills 14 inches apart and half an inch deep, rolling firmly over the seed. A cultivator may be used between the drills, being careful not to throw too much over the crop. Weed the drills very carefully, and never allow the weeds to get ahead of the young plants.

One ounce to 100 feet of drill, 4 to 5 lbs. per acre.

Extra Early Red—A very early variety, of medium size, deep red, mild flavor, largely grown for sets, 25 cts. oz. 60 cts. ¼ lb., $2.00 lb.

Large Red Wethersfield—Excellent flavor, grows large, hardy and keeps well, 25 cts. oz., 60 cts. ¼ lb., $2.00 lb.

Danver's Yellow—Globe shaped, early, with very small neck, large size, fine quality and good keeper, the best for general crop, 25 cts. oz., 60 cts. ¼ lb $2.00 lb.

Large Yellow Dutch—Favorite old variety, large, round, and excellent keeper, 20 cts. oz., 60 cts. ¼ lb. $2.00 lb.

White Portugal—Early, mild flavored, and excellent for first crop, 30c. oz. $1.00 ¼ lb. $3.50 lb.

White Globe—This variety yields abundantly, produces, handsome, globe-shaped bulbs, the flesh is firm, fine grained of mild flavor, 30 cts. oz. $1.00 ¼ lb. $3.00 lb.

Giant Rocca—A mammoth onion, often growing over one pound in weight, flavor excellent, 25 cts. oz., 70 cts. ¼ lb., $2.50 lb.

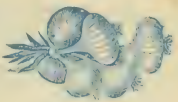
Giant White Italian Tripoli—(El Paso or Large Mexican.)—Of large size and most beautiful form, with fine white skin, 25 cts., oz., 70 cts. ¼ lb., $2.50 lb.

White Queen—Beautiful white skin, the earliest variety, most excellent flavor, and a good keeper, 25 cts. oz., 70 cts. ¼ lb., $2.50 lb.

Mammoth Silver King—One of the largest onions in cultivation, early, shape flat, but very thick, skin, a silvery white, flesh mild, delicate and of snowy whiteness, a handsome and very popular variety, 30 cts. oz. $.100 ¼ lb. $3.00 lb.

John Pfeifer of Walnut Hills, says: "The No. 35 Wagon I bought from you gives entire satisfaction. Easiest riding and best Wagon for the money I have ever seen." We offer No. 35 Farmer's Spring Wagon for $65.00.

Onion Sets.



These are valuable for early use, and where onions from seed can not be raised the first year. Plant near the surface in drills 12 inches apart, and four inches in the rows.

Yellow Bottom Sets, - 30 cts. qt. **Top Sets.** - 30 cts. qt.
Red Bottom Sets, - - 30 cts. qt. **Potato Sets,** - 30 cts. qt.
White Bottom Sets, - 35 cts. qt. **New White Multiplier Sets,** 35c.

By mail or express, prepaid.

OKRA or GUMBO, (Ocker, Ger.)

The young, green seed-pods of this plant, are used in soups, or stewed and served like asparagus. The young pods can also be dried for Winter use.

Improved Dwarf Green This variety has long, slender pods, very early, productive, and only grows 14 inches high, 10 cts. oz. 25 cts. ¼ lb. 75 cts. lb.

White Velvet The pods of this variety are round and smooth, and much larger than the common varieties, and are produced in great abundance, 10c. oz. 25c. ¼ lb. 75c. lb.

PARSLEY, (Petersilie, Ger.)

Parsley succeeds best in a rich, mellow soil. As the seeds germinate very slowly, three or four weeks elapsing sometimes before it makes its appearance, it should be sown early in Spring. Sow thickly in rows a foot apart, and half an inch deep. For Winter use, protect in a frame or light cellar. One ounce will sow 150 feet of drill.

Double Curled A fine dwarf variety, beautifully curled, excellent for garnishing, 10 cts. oz. 25 cts. ¼ lb. 80 cts. lb.

Champion Moss Curled A very select stock, beautifully crimped and curled, 15 cts. oz. 30 cts. ¼ lb. 90 cts. lb.

Plain Leaved—Very strong flavor, 10 cts. oz. 20 cts. ¼ lb. 60 cts. lb.

PARSNIP, (Pastinake, Ger.)

Sow as early in the Spring as the weather will admit, in drills 15 inches apart in the rows. Unlike carrots, they are improved by frost, and it is usual to take up in Fall a certain quantity for Winter use, leaving the rest in the ground until Spring, to be dug up as required. One ounce will sow 200 feet of drill, five pounds to an acre.

Long Sugar—The best for general use, 10 cts. oz. 25 cts. ¼ lb, 60 cts. lb.

Hollow Crown—Good old sort, 10 cts. oz. 25 cts. ¼ lb. 60 cts. lb.

New Maltese—Long, smooth and white, of excellent flavor, 10 cts. oz. 25 cts. ¼ lb. 60 cts. lb.

PEPPER, (Pfeffer, Ger.)

A light, warm loam is the best soil for peppers Sow in March or April, in a hot-bed, and transplant when the weather is warm. They are quite tender, and will not bear frost. Set the plants fifteen inches apart, and two feet between the rows. One ounce for 1,500 plants.

Golden Dawn—A new variety, very handsome, golden yellow, sweet, mild, and very productive, 25 cts. oz. 90 cts. ¼ lb. $3.00 lb.

Celestial—Another handsome, new pepper, when fully ripe vivid scarlet, very productive, sharp clear flavor, excellent, 30 cts. oz. $1.00 ¼ lb. $3.50 lb.

Red Chili—Small, cone-shaped, bright red, fiery, 30 cts. oz. $1.00 ¼ lb. $3.50 lb.

Large Bell or Bull Nose—Large, early, bright red, mild, 25 cts. oz. 90 cts. ¼ lb. $3.00 lb.

Sweet Mountain—A large early sort, mild and excellent, bright red, 25 cts. oz. 90 cts. ¼ lb. $3.00 lb,

Ruby King.

Long Red Cayenne—Long, bright red, fiery, 25 cts oz. 90 cts. ¼ lb. $3.00 lb.

Ruby King Beautiful, bright red, large fruit and mild, the best pepper for mangoes in cultivation, 30 cts. oz. $1.00 ¼ lb. $3.00 lb.

Buckeye Road Wagon, Two Passenger, $35.00, Four Passenger, $40.00. Best Wagon in the World for the Money.

PEAS, (Erbsen, Ger.)

Peas come earliest to maturity in light, rich soil. For general crop a good dressing should be applied, and for the dwarf-growing kinds the soil can hardly be too rich. Plant the early varieties as soon as the ground can be worked the others in succession from April to June. For private use they are generally sown in double or single rows, in drills, about two feet apart and three inches deep, for the dwarf varieties, three to four feet apart and four inches deep for the taller varieties. Those growing over two and a-half feet in height should be bushed. One quart to 80 feet of drill, 1½ bushel for one acre.

Add 10 cents per pint, 15 cents per quart extra, if sent by mail.

First and Best.

First and Best—My selected stock of this fine, standard variety is quite unsurpassed for earliness, productiveness, excellent flavor and size of pod, two feet high, 15c. pt. 25c. qt. $1.25 pk.

Alaska—One of the earliest and most productive of the very early peas, distinct. Two feet, 15c. pint, 25c. quart, $1.25 pk.

Maud S—Have a limited supply from original stock, 15 cts. pt. 25 cts. quart, $1.25 peck.

Rural New Yorker—Extra early, profusely covered with full good sized pods. Height, two and a half feet, 15 cts. pint, 25 cts. quart, $1.25 peck.

Philadelphia Extra Early—The well-known early variety, height two and a half feet, 10c. pint, 20 cts. quart, $1.10 peck.

Improved Daniel O'Rourke—Very early, fine cropper, long pods, exquisite flavor, height 2½ feet, 10 cts. pint, 20 cts. quart, $1.10 peck.

Early Kent or May—A favorite first early variety, 10c. pint, 20c. qt. $1.10 peck.

Tom Thumb—An old and well-known dwarf sort, height ten inches, 15c. pt. 25c. qt. $1.50 pk.

American Wonder—A remarkably fine, dwarf wrinkled variety, extra early, requires no bushing, very sweet flavor, height about one foot, 15c. pint, 25c. quart, $1.75 peck.

Extra Early Premium Gem—An improved Little Gem. Dwarf, prolific, fine flavored, large pods, excellent, either for market or home use, height one and a half feet, 15 cts. pint, 25 cts. quart, $1.50 peck.

McLean's Little Gem—An early, green marrow of excellent quality, and an abundant bearer, height, one and one-half feet, 15 cts. pint, 25 cts. quart, $1.40 peck.

Advancer—A finely flavored, green wrinkled marrow, very productive and uniform, we can not recommend this sort to highly, height two and a quarter feet, 15 cts. pint, 25 cts. quart, $1.40 peck.

Improved Champion of England—One of the best peas grown, unsurpassed in flavor, sweetness and general excellence. Our stock is maintained pure by careful selection, height, five feet, 10 cts. pint, 20 cts. quart, $1.25 peck.

Stratagem—The best late marrow pea grown, immense pods, splendid flavor, vigorous growth, very popular, height, two and a half feet, 20c. pint, 35c. quart, $2.35 peck.

Telephone—Green wrinkled, peculiar light shade of green, productive, pods unusually large size, elegant shape, slightly curved, well filled with peas of large size, good quality, height, three and a half feet, 15c. pint, 25c. quart, $1.75 peck.

Dwarf Blue Imperial—A great bearer and fine flavored, height, three feet, 10 cts. pint, 20 cts. quart, $1.20 peck.

Yorkshire Hero—A splendid main crop pea, dwarf and branching, very prolific and delicious flavor, height three feet, 15 cts. pint, 25 cts. quart, $1.50 peck.

Black Eye Marrow—A good late sort for market, hardy, productive, excellent either as a field or table pea. Height, three feet, 10 cts. pint, 15 cts. quart, 90 cts. peck.

Alfalfa or Chili Clover. By mail post paid 35 cts. per lb. 20 lb. lots or more by express or freight at your expense, 15 cts. per lb. We have seen in California as many as eleven crops cut in one season.

Large White Marrow—One of the best late sorts, very productive, good flavor, height, five feet, 10 cents pint, 15 cts. quart, 90 cts. peck.

Tall Gray Sugar (Edible Pods)—The young pods are used like string beans, very tender, long pods. Height, five feet, 20 cts. pint, 35 cts. quart, $2.50 peck.

Dwarf Sugar (Edible Pods)—Similar to preceding, but dwarf. Height, three feet, 20c. pint, 35 cts. quart, $2.50 peck.

Canada Field Mostly used as a field crop, 10 cts. quart, 50 cts. peck, $1.50 bushel. Subject to market change.

PUMPKIN, (Kuerbis, Ger.)

These are usually grown for stock feed, and are generally scattered at intervals in the hills while planting sweet corn. For making pumpkin pies, the squashes are very much superior. One ounce to fifteen hills.

Large Cheese—Very superior, productive, fine grained, good flavor, cheese shaped, 10c. oz. 20 cts. ¼ lb. 60 cts. lb.

Cashaw—One of the largest and best, yellow, solid, good keeper, 10c. oz. 20c. ¼ lb. 75c. lb.

Large Tours or Mammoth Grows enormously large, round, flattened, skin salmon, flesh yellow, fine grained, good quality, 25 cts. oz. 70 cts. ¼ lb. $2.00 lb.

Tennessee Sweet Potato An excellent variety for pies, pear shaped, of medium size, flesh and skin creamy white, fine grained, very sweet and delicious, 15c. oz. 35c. ¼ lb. $1.00 lb.

Kentucky Field—Good for cooking purposes or for feeding stock, 10c. oz. 15c. ¼ lb. 35c. lb.

Connecticut Field The common yellow pumpkin, 10 cts. oz. 15 cts. ¼ lb. 35 cts. lb.

Chartier Radish.

RADISH, (Radies, Ger.)

All the varieties thrive best in a light, sandy loam. For early use, sow in the hot-bed in February, giving plenty of ventilation, or outside in drills as soon as the soil can be got in order, covering the seed about half an inch deep. Sow every two weeks, from March to September, for a succession, they must grow rapidly to be crisp, mild and tender. One ounce sows 100 feet of drill, 8 to 10 pounds to an acre.

Extra Early Carmine One of the handsomest and best of all the extra early radishes, of a rich, dark carmine color. The foliage is short, stiff and extremely small. In 20 to 22 days the crisp, tender little radishes are ready to pull. Its earliness and scarcity of foliage recommend it for forcing, 10 cts. oz. 30 cts. ¼ lb. $1.00 lb.

Early Scarlet Turnip—The standard early, short, quick-growing variety, 10 cts. oz. 25 cts. ¼ lb., 70 cts. lb.

Early White Turnip—Of mild flavor, excellent for summer use, 10 cts, oz. 25 cts. ¼ lb., 70 cts. lb.

Early Long Scarlet Short Top—The standard variety for market and private use, 10c. oz. 25c. ¼ lb. 70 cts. lb.

French Breakfast—Form oval, scarlet tipped with white, quick growing and excellent flavor, 10 cts. oz. 25 cts. ¼ lb. 75 cts. lb.

Golden Globe—This variety is very popular. It is of a quick growth, tender and brittle, of perfect globe shape, 10 cts. oz. 25 cts. ¼ lb. 70c. lb.

Chartier—Grows to a large size without loosing its tenderness scarlet, tipped with white, long, crisp and tender, 10 cts. oz. 25 cts. ¼ lb. 75 cts. lb.

Giant White Stuttgart—A quick-growing early sort, largest size, flesh and skin pure white, fine quality, 75c. lb. firm and brittle, never gets pithy, 10 cts. oz. 25c. ¼ lb.

White Strasburg—A large, handsome, white variety, of excellent quality, early, 10 cts. oz. 25 cts. ¼ lb. 75 cts. lb.

Yellow Summer Turnip—Grows to perfection in the hottest summer, 10 cts. oz. 20 cts. ¼ lb. 60 cts. lb.

Long White Naples—A handsome, long, clean, white radish, crisp and tender, good for Summer use, 10 cts. oz. 30 cts. ¼ lb. $1.00 lb.

Chinese Winter—Popular Winter sort, medium size, bright rose excellent, 10 cts. oz. 30 cts. ¼ lb. $1.00 lb.

Round Black Spanish A Winter variety, large, mild and firm, skin black, flesh white, 10 cts. oz. 25 cts. ¼ lb. 75c. lb.

Golden Globe.

RHUBARB, (Rhabarber, Ger.)

A deep, rich soil is best for Rhubarb, sow early in drills, 18 inches apart, and 1 inch deep, the Spring following transplant, allowing each plant at least 2 feet square. One ounce for about 800 plants.

Linnaeus—Extra large, tender, 15 cts. oz. 50 cts. ¼-lb. $1.50 lb.

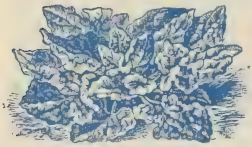
SALSIFY, (Hafer-wurzel, Ger.)

Commonly called vegetable oyster. Used stewed, boiled or fried. When cooked has an oyster flavor. Sow early in drills 15 inches apart, cover the seed with fine soil, an inch and a half deep. One ounce will sow 50 feet, seven pounds to an acre.

Long White—The standard variety, 15 cts. oz. 50 cts. ¼ lb. $1.50 lb.

Mammoth Sandwich Island—This variety is of enormous size, twice as large as the ordinary sort, very tender and delicious, 20 cts. oz. 60 cts. ¼ lb. $1.75 lb.

SPINACH. (Spinat, Ger.)



Bloomsdale Savoy.

This is the best developed and most tender and succulent when grown in very rich soil. For Summer use sow early in Spring in drills 15 inches apart, and make sowings every two weeks. For Spring use sow in September, and cover lightly in November with light litter. One ounce to 100 feet of drill, 10 to 12 lbs. per acre.

Bloomsdale Savoy—Thick, succulent leaves, very productive and hardy, 10c. oz. 20 ¼ lb. 50c. lb.

Round Thick Leaf—One of the best for early Spring or Fall Sowing, leaves large, thick and succulent, 10 cts. oz. 20 cts. ¼ lb. 50 cts. lb.

Long Standing—Does not run to seed so readily as the other, 10c. oz. 20c. ¼ lb. 50c. lb.

Prickly—Vigorous and hardy, good for winter, 10 cts. oz. 20 cts. ¼ lb. 50 cts. lb.

SQUASH, (Kuerbis, Ger.)

The Squash is of tropical origin, and only succeeds well in a warm temperature, consequently the seeds should not be planted out until the ground is warm and mellow. The hills should be about six feet apart for Winter varieties, and four feet for Summer sorts. Plant a dozen seeds in each hill. Thin out the weakest vines, and when all danger from bugs is past, leave three vigorous vines to the hill. Cultivate well, and keep the ground clear of weeds. One ounce of seed to about forty hills, 4 to 6 pounds to the acre.

Early White Bush or **Patty Pan**—A scalloped sort, best for early use, 10c. oz. 25c. ¼ lb. 75c. lb.

Perfect Gem—Excellent for Summer, and equally good as a Winter variety, very productive, 15 cts. oz. 30 cts. ¼ lb. 90 cts. lb.

Essex Hybrid—Productive, good keeper, and one of the best flavored, 10c. oz. 25c. ¼ lb. 75 cts. lb.

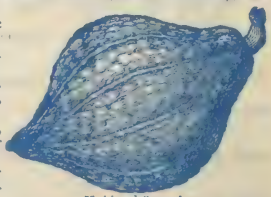
Cocoanut—A small-sized, fine flavored and prolific variety, 10 cts. oz. 25 cts. ¼ lb. 75 cts. lb.

American Turban—Excellent quality, flesh thick and sweet, superior Fall sort, 10c. 25c. ¼ lb. 75c lb.

True Hubbard—A general favorite, hard, dark-green shell, meat thick, dry and finely flavored, 10 cts. oz. 25 cts. ¼ lb. 75 cts. lb.

Boston Marrow—Good keeper and of excellent flavor, shell orange, quite hard, several weeks earlier than the Hubbard, 10c. oz. 25c. ¼ lb. 75c. lb.

Marblehead—Color light blue, splendid keeper, for sweetness, dryness and fine flavor, quite unsurpassed, 10 cts. oz. 25 cts. ¼ lb. 75 cts lb.



Hubbard Squash.

Pineapple—Skin and flesh of pure creamy white color, fine grained, of excellent quality, good keeper, vines strong and produce six and seven squashes each, 10 cts. oz. 30 cts. ¼ lb. 90 cts. lb.

Sibley—New, superior in flavor and quality. Shell pale green, very hard, flesh orange, solid, very thick and dry, wonderful for fineness of grain and delicacy of flavor, productive and keeps well. Weight, about ten pounds, 10 cts. oz. 30c. ¼ lb. 90c. lb.

We can supply you with anything wanted for contractors use. Railroad, County or Township plows, scrapers, etc.

TOMATO, (Liebesapfel, Ger.)

To obtain fruit very early, sow in the hot-bed in March. In about five weeks plants should be transplanted to another hot-bed, setting them 4 or 5 inches apart. Here they should remain, having all the air possible, until about the middle of May, when they may be put out in the ground. If not too early or too cold, a cold frame will answer for the first transplanting. Pinching off a portion of the side branches, and stopping others just beyond where the fruit is formed, hastens, the ripening. Very good plants can be grown in boxes in the house.

No plant will bear training better than the tomato, and they can be made very pretty.

Dwarf Champion—This fine sort is quite distinct and very early. The foliage is dark and the stem stiff, so that the plants stand up well, even when loaded with fruit. Last season it ripened July 1st. The fruit is smooth, solid and excellent, 25 cts. oz. 75 cts. ¼ lb. $2.75 lb.

New Peach—It resembles a peach in size, form and color, with a firm, fleshy texture, making it extremely handsome. Entire fruit is tender, free from core around the stem, and of very superior quality, having a delicious fruit taste, mingled with a sub-acid tomato flavor, 30 cts. oz. $1.00 ¼ lb. $3.00 lb.

New Peach

Golden Queen—The best yellow, tomato, medium, early, smooth, round, very productive, excellent quality, 25c. oz. 75 cts. ¼ lb. $2.75 lb.

Livingston's Beauty Color very glossy crimson, grows in clusters of four or five fruits, large and solid, 25 cts. oz. 70 cts. ¼ lb. $2.50 lb.

Livingston's Favorite Productive, good flavor, few seeds, flesh solid, smooth and handsome 20 cts. oz. 70 cts. ¼ lb. $2.50 lb.

Livingston's Perfection—Early, large, smooth and solid, blood red color, 20c. oz. 70c. ¼ lb. $2.50 lb.

Early Acme One of the earliest. The fruit is of a medium size, perfectly smooth and regular in shape, color quite distinct, being a dark red, with purplish tinge, 20 cts. oz. 70 cts. ¼ lb. $2.50 lb.

The Mikado—A new variety, very large size solid, free from core, and almost seedless round and even, bright red, smooth skin. Excellent quality, and a fine yielder, 25c. oz. 70 cts. ¼ lb. $2.50 lb.

Acme

Volunteer—Large size, averaging five to ten ounces round, early, smooth, and perfect in form, color, attractive bright red. Scarcely any core. Quality very superior for table use and canning, 25 cts. oz. 70 cts. ¼ lb. $2.50 lb.

Paragon—Large, perfectly smooth, bright crimson, solid and excellent, 25 cts. oz. 70 cts. ¼ lb. $2.50 lb.

Trophy—Fruit very large, solid and heavy, excellent for main crop, 20c. oz. 70c. ¼ lb. $2.50 lb.

Cincinnati Purple—A valuable variety, especially adapted for canning and shipping. It is very large, color, a dark purplish red, very productive and of rich flavor. Excellent for canning, 20 cts. oz. 70 cts. ¼ lb. $2.50 lb.

Yellow Pear Shape—Fine for preserves or pickling, 35 cts oz. $1.00 ¼ lb. $3.50 lb.

Cherry, Red and Yellow Used for preserving and pickling, 35 cts. oz. $1.00 ¼ lb. $3.50 lb.

Garden Wheel Barrows neatly painted, Strong and Durable. No. 2, $3.00. No. 3, $3.25, No. 4, $3.75.

TURNIP, (Rueben, Ger.)

Turnips for early use may be sown as soon as the ground opens in Spring. For Fall and Winter use, sow the early sorts from July to the middle of August, the Ruta Bagas from June to the middle of July. They may be sown either broadcast or in drills. The best crops can be raised from drills, 18 inches apart, and the plants thinned to six inches asunder, 1 oz. to 150 feet of drill, 2 lbs. per acre in drills, 1 lb. per acre broadcast.

Purple Top Strap Leaf

Early Purple-Top Munich The best extra early turnip, good quality, 10 cts. oz. 25 cts. ¼ lb. 60 cts. lb.

Purple-Top Flat Strap Leaf—The popular early variety, excellent for market or private gardens, 10c. oz. 20 cts. ¼ lb. 50 cts. lb.

White Flat Strap Leaf—The best early white variety, for table or market use, 10c. oz. 20c. ¼ lb. 50c. lb.

Purple Top White Globe—An early variety, very heavy cropper, 10 cts. oz. 20 cts. ¼ lb. 50 cts. lb.

Yellow Aberdeen—Very hardy and productive, fine form, and excellent variety 10 cts. oz. 20c. ¼ lb. 50 cts. lb.

Seven Top—Very hardy, is left standing in the ground during the Winter in the Southern States, in the Spring yields abundant foliage for greens, 10c. oz. 25c. ¼ 60c. lb.

White Egg—Early, egg-shaped, white, fine and sweet, 10 cts. oz. 25c. ¼ lb. 60 cts. lb.

RUTA-BAGA OR SWEDISH TURNIP.

The Ruta-Baga Turnip is extensively grown as a farm crop, the roots are close grained, very hard, and will endure a considerable degree of cold without injury, excellent for the table in early spring.

Improved American Purple Top—A fine variety, grown both for table and for stock, flesh solid, of fine quality, keeps well until summer, 10 cts. oz. 20 cts. ¼ lb. 50 cts. lb.

Carter's Imperial—A purple-top, yellow variety, productive, one of the best for field-culture, 10 cts. oz. 20 cts. ¼ lb. 50 cts. lb.

White Sweet German A white globe shaped variety, superior for table use, of excellent quality, good keeper, 10 cts. oz. 20 cts. ¼ lb. 50 cts. lb.

TOBACCO, (Taback, Ger.)

The seed should be sown as early as possible after the danger of frost is over. Cover very lightly, and when the plants are about six inches high, transplant in rows six feet apart each way.

Connecticut Seed Leaf—A long leaf, fine texture, 30 cts. oz. $1.00 ¼ lb. $2.75 lb.

Havana—Pure Cuban grown seed, 40 cts. oz. $1.20 ¼ lb. $3.50 lb.

White Burley—A variety largely grown for manufacture of fine cut and plug, 25 cts. oz. 90 cts. ¼ lb. $2.50 lb.

HERB SEEDS.

Every good housekeeper knows the value of a little patch of Herbs, they are of easy cultivation and should have a place in every garden. The seed should be sown in April or May, in shallow drills about fifteen inches apart, and thin out, if too thick, when three or four inches high. As a general rule it is best to cut Herbs when in flower.

Anise, 15 cts. oz.	Coriander, 10 cts. oz.	Majoram, Sweet, 25 cts. oz.
Balm, 50 cts. oz,	Lavender, 25 cts. oz.	Savory, Summer, 25 cts. oz.
Basil, Sweet, 25 cts. oz.	Horehound, 50 cts. oz.	Savory, Winter, 20 cts. oz.
Borage, 20 cts. oz.	Hyssop, 25 cts. oz.	Thyme, 50 cts, oz.
Caraway, 10 cts. oz.	Rosemary, 20 cts. oz.	Sage, 20 cts. oz.

Potatoes, (Kartoffel, Ger.)

As prices are liable to vary, We shall be pleased to give quotations on application. They are put up in barrels of about 2¾ bushel each. Our supply has been secured from reliable growers, and includes the following varieties:

Queens Golden Pop Corn an extra large variety, great improvement on old sorts. 5 cts. packet, 10 cts. pint, 20 cts. quart. Extra selected ears 5 cts. each. Postage Extra.

Early Ohio A week earlier than the Early Rose, of excellent quality. Tubers round and oblong in shape, flesh solid, cooks dry and mealy.

Chicago Market Very popular, early, good quality, and yields well.

White Star—Medium, early, a very large cropper, fine, floury texture and delicious flavor.

White Elephant—Late, large, enormously productive, splendid keeping qualities.

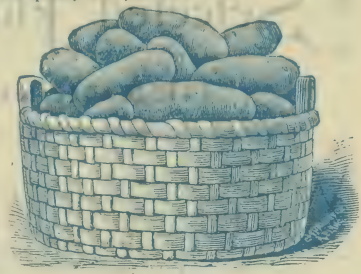
Early Rose—The leading variety for earliness and productiveness.

Early Beauty of Hebron—Ripens with the Early Rose and equally valuable as a market variety.

Clark's No. 1—Closely resembles the Early Rose, cooks mealy, excellent flavor.

Peerless—A good variety for general culture, very productive.

Burbank's—A White-skinned medium early variety, flesh of fine grain and excellent special prices.



Potatoes.

We can fill orders for nearly all standard varieties not catalogued here. On large lots will make special prices. Correspondence solicited, stating quantity required.

VEGETABLE PLANTS AND ROOTS.

These plants are grown expressly for us from our reliable seeds by an experienced plant grower and can be shipped fresh from beds, and well packed on short notice.

PRICES DO NOT INCLUDE PREPAYMENT BY MAIL OR EXPRESS.

Asparagus Roots.

	per 100.	per 1,000.
COLOSSAL—Two year old roots	$1.00	$7.00
PALMETTO " "	1.00	7.50

Early Cabbage Plants.

(Ready about April 1st.)

EARLY JERSEY WAKEFIELD	75	6.00
LOUISVILLE DRUMHEAD	75	6.00

Late Cabbage Plants.

(Ready in June.)

LARGE LATE DRUMHEAD	40	3.50
PREMIUM FLAT DUTCH	40	3.50

Cauliflower.

(Ready May 1st.)

	per doz.	per 100.
HENDERSON'S SNOWBALL	40	1.50
EARLY DWARF ERFURT	40	1.50

Celery Plants.

(Ready June to August.)

	per 100.	per 1,000.
WHITE PLUME	50	$3.50
GOLDEN HEART	50	3.50
WHITE SOLID	50	3.50
GOLDEN SELF-BLANCHING	50	4.00

Egg Plants.

(Ready in June.)

	per doz.	per 100.
NEW YORK IMPROVED	40	2.50

Horse Radish Sets.

per doz.	per 100.
15	75

Pepper Plants.

(Ready June 1st.)

	per doz.	per 100.
LARGE BELL OR BULL NOSE	$ 40	$1.25
RUBY KING	40	1.25

Rhubarb Roots.

(Ready April 1st.)

	each	per doz.
SINGLE EYE	10	1.00
LARGE CLUMPS	25 to 50c. each	

Shives.

(Ready in April.)

	each	per doz.
SINGLE CLUMPS	10	$1.00

Sweet Potato Plants.

(Ready early in June.)

	per 100.	per 1,000.
NANSEMOND YELLOW	30	$2.50
JERSEY YELLOW	30	2.50
RED BERMUDA	40	3.50
SOUTHERN QUEEN	35	3.00

Tomato Plants.

(Ready about May 1st.)

ACME, LIVINGSTON'S BEAUTY, FAVORITE, DWARF CHAMPION, MIKADO, TROPHY.

	per doz.	per 100.
Transplanted in baskets 1dz each 40c.	$2.50	
From hotbeds, transplanted	25c.	1.25

Osage Orange Plants, *(For hedge)*

STRONG PLANTS 40 cts. per 100 $3.50 1,000.

We do not advertise what cannot be furnished. We want your patronage and will guarantee right treatment. Remember we are here to stay.

Selected Flower Seeds

GENERAL LIST.

WE TAKE PLEASURE in presenting to you our revised Flower Seed List, embracing only the best and most popular varieties. Our Flower Seed trade has increased very rapidly the last few years, which is very gratifying to us, as it speaks well for the quality of the seed we send out. Look it over carefully and add at least one or two packets to your vegetable seed order. It will pay you well. We do not sell old seeds, neither do we mix old seeds with new—every seed is NEW, FRESH AND CLEAN. Everything is arranged in alphabetical order.

Annuals grow from the seed, bloom and perish in one season. **Biennials** generally bloom the first and second year and then die. **Perenniels** bloom the second year and every year thereafter, some perishing after three or four years, others continue indefinitely. Some few Perennials, if started early, bloom the first year.

|| Full Cultural Directions on all Flower Seed Packets. ||

All Flower Seeds
Sent Free by Mail on Receipt of Price.

SPECIAL OFFER ON SEEDS IN PACKETS ONLY.

6 five cent packets for 25 cents.
14 five cent packets for 50 cents.
30 five cent packets for $1.00.

Abronia Umbellata.

A pretty creeping Verbena like plant, with most exquisite fragrance, half hardy annual, 5 cts. pkt.

Acroclinium.

Grows about 12 inches high, with beautiful everlasting flowers, much used for Winter bouquets. Flowers should be gathered and dried before fully expanded, half hardy annual.

Roseum—Bright Rose, 5 cts. pkt.
Album—White, 5 cts. pkt.

Adlumia Cirrhosa (*Allegheny Vine*)

A beautiful climber, foliage light green, flowers flesh-color, hardy annual, 5 cts. pkt.

Ageratum.

A free flowering brush-like plant, and one of our finest bedding plants, half hardy.

Mexicanum—Blue, 5 cts. pkt.
Dwarf Tom Thumb—Blue, 5 cts. pkt.

Ammobium Alatum

An everlasting flower, much used in bouquets of dried flowers, hardy annual,

White—5 cts. pkt.

Goshen Wood Stock Pumps at greatly reduced prices. We offer only the best. Price $2 75 to $4.75.

Alyssum.

A very useful little annual, and one of the most popular. It is extensively used for baskets and pot culture. It also makes a beautiful border plant, its easy culture and honey like fragrance renders this old favorite indispensible to every lover of flowers.

Sweet—White, 40 cts. oz. 5 cts. pkt.

Amaranthus.

A most popular family of plants, grown exclusively for the beauty of their foliage. Many of the varieties are highly colored and beautifully formed. Being tender annuals they should not be planted out too early

Salicifolius—(The Fountain Plant.) Very beautiful, one of the best, 5 cts. pkt.

Tricoior—(Joseph's Coat.) 50 cts. oz. 5c. pkt.

Caudatus—(Love Lies Bleeding.) 50 cts. oz. 5 cts. pkt.

Antirrhinum, (*Snapdragon.*)

A beautiful Summer and Fall flowerering plant. This old favorite should have a place in every Garden, hardy annual.

Fine Mixed—75 cts. oz. 5 cts, pkt.

Tom Thumb—Extra choice, $1.00 oz. 5c. pkt.

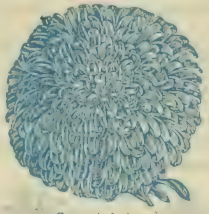
Aquilegia (*Columbine.*)

An extremely showy genus of early summer-blooming plants, their flowers being both in form and color strikingly beautiful Hardy perennials.

Mixed—All colors, 5 cts packet.

Asters.

This splendid class of Plants is not only one of the most popular, but also one of the most effective, of our garden favorites, producing in profusion, flowers in which richness and variety of color are combined with the most perfect and beautifnl form. It is indespensible in every garden or pleasure-ground where the autumnal display is desired. Annuals.



Comet Aster.

Comet—The shape of the flower resembles the Japanese Chrysanthemums. The petals are long, twisted or wavy-like. The flowers are 3½ to 4½ inches in diameter, very double. Finest mixed 10 cts. pkt.

Pæony Flowered Perfection—Flowers large and double, the petals beautifully incurved. One of the best. Two feet. Finest mixed, 10 cts. pkt.

White Exceedingly beautiful. 10 cts. pkt.

Crimson—10 cts. pkt.

Victoria—Flowers very large, perfectly double, beautifully imbricated and freely produced. 1½ feet. Mixed colors, 10 cts. pkt.

Betteridge's Prize Globe Quilled—Very donble with tube petals. Mixed. 10 cts. pkt.

Triumph Aster.

Triumph, Deep Scarlet—Color is a rich, brilliant scarlet, changing to a deep satiny scarlet, plants bearing from thirty to forty flowers. Height, about 7 inches, is well adapted for borders or pot culture. 15c. pk

Dwarf Chrysanthemum Flowered—A splendid variety, very robust and a profuse bloomer. Flowers later than other sorts. ¾ feet. Mixed, 10 cts. packet.

Choicest Mixed—All varieties, $3.00 oz. 5 cts. packet.

German—Fine mixed $1.00 oz. 5c. pk

Balloon Vine, (*Cardiospermum.*)

A curious rapid-growing climber, with an inflated membraneous capsule, from which it derives its name. They succeed best in a light soil. In flower, July and August. 3 feet. Half hardy annual.

Cardiospermum—White, 5c. pkt.

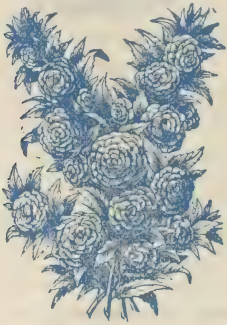
Don't allow cheap advertisements of poor Vehicles offered by unknown sellers to mislead you in buying from them

Bellis Perennis, (*Double Daisy.*)

A favorite plant for edging or pot culture. Half hardy perennial.
Double White—10 cts. pkt.
Double Finest Mixed—10 cts. packet.

Balsam, (*Lady's Slipper.*)

Magnificent conservatory or out door plants, producing their gorgeous masses of beautiful, brilliant-colored flowers in the greatest profusion. Annuals.
Camellia—Flowered—Very double and perfect in form, choice mixed, $1.50 oz. 10c. pkt.
White Perfection—Fine pure white double flowers, 10 cts. pkt.
Pink—Very fine double, 10 cts. packet.
Good Mixed—75 cts. oz. 5 cts. pkt.



Balsam.

Calendula, (*Pot Marigold.*)

Very showy, free-flowering annuals, excellent for beds, borders, &c.
Meteor—Double, light orange striped, 5c. pkt.
Prince of Orange—Dark orange striped, 5 cts. pkt.

Canary Bird Flower.
(*Tropæolum Peregrinum.*)

A very beautiful climbing plant, of very rapid growth, and produces an abundance of fringed flowers. Half hardy annuals. 60 cts. oz. 5 cts. packet.

Candytuft.

One of the most popular and useful border plants, very effective in beds, groups, etc., excellent for cut flowers. Hard annuals.
Fragrant—Pure white, 30 cts. oz. 5 cts. pkt.
White Rocket—Fine white large truss, 30 cts. oz. 5 cts. pkt.
Crimson—40 cts. oz. 5 cts. pkt.
Fine Mixed—30 cts. oz. 5 cts. pkt.

Calliopsis or Coreopsis.

This genus is amongst the most showy, free-flowering hardy annuals.
Finest Mixed Varieties—50 cts. oz. 5 cts. pkt.

Calliopsis.

Celosia, (*Cockscomb.*)

Very singular, attractive and showy class of plants. In flower August to November. Half hardy annual.
Glasgow Prize—An improved Cockscomb, very large dark crimson combs, 10c. pkt.
Cristata Nana—Choice mixture of newest dwarf crested varieties, 5 cts. pkt.
Japonica—(Japanese) Combs are almost as delicately cut as ruffled lace, 5c. pkt.
Pyramidalis—A choice mixture of all the plumed and feathered sorts, 10 cts. pkt.

Centaurea.

Showy, hardy plants, which have beautiful, silvery foliage, and are indispensible for ribbon bordering, or carpet bedding, and as single specimens they are very attractive. Half-hardy perennials.
Candidissima—Large, smooth, silvery, cut leaf, 15 cts. pkt.
Gymnocarpa—A graceful, silvery, fine-cut leaved variety, $1.00 oz. 10 cts. pkt.
Cyanus—(Bachelor's button), free-flowering showy border plants, very popular as cut flowers, fine mixed. Hardy annual, 50 cts. oz. 5 cts. pkt.
Cyanus—New double mixed, 10 cts. pkt.

Clarkia.

A most desirable free-growing plant, blooming in almost any soil, but when planted in rich loam its beauty is unsurpassed, will continue in bloom nearly all summer. Sow in April and May and thin out, hardy annual.
Finest Mixed—5 cts. pkt.

Chrysanthemum

One of the most showy and effective garden favorites, also extensively grown for cut flowers. The hardy annuals are summer-flowering plants, good for pot-culture, and quite distinct from the Indicum, which are perennial autumn-flowering varieties.

Chrysanthemum Lord Beaconsfield

Coronarium—Double white, 5 cts. packet.
Coronarium—Double yellow, 5 cts. packet.
Lord Beaconsfield—Rich crimson maroon, with white edge and inner white circle; 5 cts. pkt.
Eclipse—Pure golden yellow, with a bright purplish-scarlet ring, the disc being dark brown, 5 cts. pkt.
Finest Mixed—50 cts. oz. 5 cts. pkt.
Indicum Majus—Choice mixed large flowering double varieties, half hardy perennial, 3 feet, 10 cts. pkt.

Cobea Scandens.

A well known climber of quick growth, producing beautiful large bell-shaped purple flowers, 10 cts. pkt.

Collinsia.

Very attractive and free-flowering plants for borders or beds, hardy annual.
Finest Mixed—40 cts. oz. 5 cts. pkt.

Convolvulus Minor.

(*Dwarf Morning Glory.*)

Beautiful free-flowering, and remarkable showy annual, with handsome, rich-colored flowers, producing in beds and borders a brilliant effect.
Mixed—25 cts. oz. 5 cts. pkt.

Cosmos Hybridus.

A magnificent race of plants, growing about 4 feet in height, and in the Fall literally covered with graceful flowers, resembling single Dahlias, but neater and better for cutting. They are about 2 inches in diameter and range through all shades of rose, purple, flesh, and pure white. Easily raised from seed, and bloom the first season 10 cts. pkt.

Cypress Vine.

A most popular climbing plant, with delicate fern-like foliage, half hardy annual.
Scarlet—50 cts. oz. 5 cts. pkt.
White—50 cts. oz. 5 cts. pkt.
Rose—50 cts. oz. 5 cts. pkt.
Mixed—50 cts. oz. 5 cts. pkt.

Dahlia.

The Dahlia is easily grown from seed, and will flower the first season. Seed saved from the best European collections, half hardy perennial.
Double Finest Mixed—10 cts. pkt.
Single Finest Mixed—10 cts. pkt.

Single Dahlia.

Dianthus, (*Pinks.*)

This is one of the most beautiful and most satisfactory plants that can be grown from seed. The flowers of the many varieties measure three inches across and are of the most brilliant colors, hardy biennials.

Dianthus Chinensis.

Chinensis, fl pl—(Chinese Pink.) Finest double mixed, $1.00 oz. 5 cts. pkt.
Heddewigii fl pl—Finest double mixed $1.00 oz 10 cts. pkt.
Heddewigii Single—Finest mixed. 5 cts. pkt.
Laciniatus fl pl—Flowers very large and deeply fringed, 5 cts. pkt.
Laciniatus Single—Finest mixed, very beautiful, deeply fringed, 5 cts. pkt.

To make a Nice Lawn use our EMERALD or CITY PARK LAWN GRASS SEED—nothing better.

Digitalis, (*Foxglove*)

Handsome border plants with a great variety of colors, hardy biennial.
Finest Mixed—50 cts. oz. 5 cts. pkt.

Eschscholtzia, (*California Poppy.*)

Showy, free-flowering class of plants, with extremely rich and beautiful colors, a little difficult to transplant, very attractive for beds, edging or massing, hardy annual.
Californica—Yellow, 50 cts. oz. 5 cts. pkt.
Finest Mixed—50 cts. oz. 5 cts. pkt.

Gaillardia.

Splendid bedding-plants, remarkable for the profusion, size, and brilliancy of their colors, hardy annual 1 foot.
Lorenziana—Beautiful double flowers, fine for bouquets, 5 cts. pkt.
Crandiflora—Fine mixed, 5 cts. pkt.

Gourds, (*Ornamental*)

A valuable and highly interesting class of climbing plants, both on account of their beautiful foliage and their singular shaped and curiously marked fruit. The smaller fruited varieties are the most neat and ornamental, and are eminently adapted for screens and trellis work, in flower July toOctober, tender annuals.
Nest Egg—Resembling an egg in color, shape and size, 5 cts. pkt.
Bottle—Useful and ornamental. 5 cts. pkt.
Dipper—A favorite variety, 5 cts. pkt.
Snake Cucumber—Very curious, 5 cts. pkt.
Hercules' Club—Curious, large variety 5c pk
Orange—Fruit resembles an orange, 5c. pkt.
Fine Mixed—50 cts. oz. 5 cts. pkt.

Godetia.

Plants easily cultivated, and will produce a great quantity of flowers, of very brilliant colors, flower July to September, hardy annual, 1 foot.
Lady Albemarle—Intense carmine crimson, very beautiful, 5 cts. pkt.
The Bride—White, with crimson edge 5c pk
Fine Mixed—50 cts. oz. 5 cts. pkt.

Helichrysum, (*Everlasting*)

Flowers mostly used for Winter bouquets They should be cut and dried before they are in full bloom, hardy annual.
Finest Double Mixed—5 cts. pkt.

Heliotrope.

A half hardy perennial, flowering during the whole season, its delightful perfume makes it a most desirable bouquet flower. Seeds sown in the spring make fine plants for summer blooming.
Finest Varieties Mixed -$2.00 oz. 10 cts. pkt.

Hollyhock, (*Althea.*)

This is one of the finest ornamental plants, it has been much improved of late, and now produces beautiful double flowers of almost every shade of color. If sown early in heat the plants may be had in bloom the first year, in flower July to September, hardy perennial.
Fine Mixed—75 cts. oz. 5 cts. pkt.
Extra Mixed—From prize flowers $1.50 oz. 10 cts. pkt.
Charter's Prize—Mixed varieties, 15 cts. pkt.
Double White—Flowers pure white, extra for florists, $2.00 oz. 10 cts. pkt.

Lantana.

Verbena-like heads of flowers embracing every shade of pink, purple, orange and white, very effective either for pot culture or bedding.
Hybrida Mixed—80 cts oz. 10 cts. pkt.

Larkspur, (*Annual Delphinium.*)

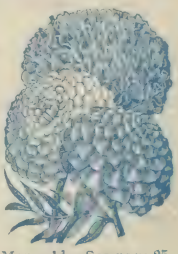
Hardy annuals producing dense spikes of flowers, which are very beautiful either in the garden or when cut for vases.
Dwarf Rocket—50 cts. oz. 5 cts. pkt.

Lobelia.

A charming genus of dwarf plants, with blue and white flowers, in flower June to October, half hardy annual.
Speciosa—One of the best varieties, intense blue flowers ½ ft. 10 cts. pkt.

Lupinus.

Splendid ornamental plants, with long, graceful flower-spikes of rich and varied colors, valuable for mixed borders, in flower June to October.
Mixed Annual Varieties—30 cts. oz. 5 cts. pkt



Marigold.—See page 25.

Lychnis.

Handsome plants, of easy cultivation in any rich soil, in flower June and July, hardy perennials 2 ft.
Chalcedonica—Fine border plant, scarlet, 5 cts. pkt.

Shafts for Buggies, best quality, $4.50. Carriage and Buggy Poles, with Neck Yoke complete $7.50.

Marigold, (*Tagetes.*)

Well-known free-flowering plants, with handsome double flowers of rich and beautiful colors. The African, the tallest, is also the most striking in large beds. The dwarf French is used as a foreground to taller plants, and makes splendid compact edgings to beds or borders, half hardy annuals.

African Lemon—Large double lemon flowers 50 cts. oz. 5 cts. pkt.

African Orange—Large double orange flowers, 50 cts. oz, 5 cts. pkt.

African El Dorado—Flowers from three to four inches in diameter, imbricated and extremely double. The colors run through all shades of yellow, from light primrose to the deepest orange 5c. pkt.

French Gold Striped—Magnificent yellow striped with brown, 50 cts. oz. 5c. pkt.

Mignonette, (*Reseda Odorata.*)

Mignonette

The delightful fragrance and easy culture of this old plant tend to make it one of the most popular of the annuals. Seed can be sown at almost any season, when sown in the garden early, will give flowers in the summer.

Large Flowering—15 cts. oz. 5 cts. pkt.

Machet—The finest variety for pot culture, sweet scented red flowers, $1.00 oz 5c. pkt

Miles Hybrid Spiral—Profuse bloomer, very fragrant, 50 cts. oz. 5 cts pkt.

Golden Queen—A very beautiful new variety, flowers bright golden in color and very effective, 5 cts. pkt.

Parson's White—Very large, nearly white, 5 cts. pkt.

Mimosa, (*Sensitive Plant.*)

Curious and interesting plants, with pinkish-white flowers, well known for the extreme irritability of its leaves, which close and drop at the slightest touch, half hardy annuals, 1½ ft.

Pudica—Sensitive plant, 80 cts. oz. 5c. pkt.

Mirabilis,

(*Four O'clock's Marvel of Peru.*)

Handsome free-flowering plants, bloom the first year from seed, the flowers are produced in clusters on the summit of the stems, the roots can be preserved during the winter like dahlias.

Finest Mixed—20 cts. oz. 5 cts. pkt.

Momordica.

Trailing plants with curious ornamental foliage, the fruit is golden yellow in color, and when ripe, opens, disclosing its seeds and brilliant interior, half hardy annuals.

Balsamina—(Balsam apple) 60c. oz. 5c. pkt.

Charantia—(Balsam pear) 60c. oz. 5c. pkt.

Morning Glory, Tall,

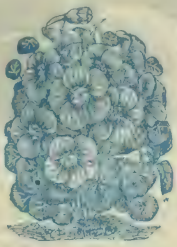
(*Convolvulus Major*)

A well-known and beautiful free-flowering class of climbers, with brilliant and varied colored flowers, growing freely in almost any situation, half hardy annuals, 10 feet, finest mixed 15 cts. oz. 5 cts. pkt.

Nasturtium, Dwarf,

(*Tropæolum Nanum*)

Beautiful plants, flowering all through the season, the foliage of most varieties is light green, clear and beautiful, flowers large, and very brilliant, they are among the most useful and beautiful of garden favorites for bedding, half hardy annuals, 1 foot.



Nasturtium Dwarf

King Theodore—Deep maroon 25c. oz. 5c. pkt.

Golden King—Golden yellow, 25c. oz. 5c. pkt.

Beauty—Orange and vermillion, 25 cts. oz. 5 cts. pkt.

King—Scarlet bluish green foliage, 25 cts. oz 5 cts. pkt.

Crystal Palace Gem—Sulphur, spotted with maroon, 25 cts. oz. 5 cts. pkt.

Pearl—Nearly white, 25 cts. oz. 5 cts. pkt.

Finest Mixed—20 cts. oz. 5 cts. pkt.

Nasturtium, Tall.

Well-known profuse flowering plants, admirably adapted for rockwork, banks, covering trellises, or rustic work, the seeds, if picked yonng, are an excellent subsitute for capers, hardy annuals, 6 ft.

Coccineum—Scarlet, 25 cts. oz. 5 cts. pkt.
Orange—Beautiful dark orange, 25 cts. oz. 5 cts. pkt.
Spotted—Very pretty, 25 cts. oz. 5 cts. pkt.
Chocolate—25 cts. oz. 5 cts. pkt.
Purple Violet—25 cts. oz. 5 cts. pkt.
Mixed—15 cts. oz. 5 cts. pkt.

Nicotania.

Deliciously fragrant, white flowers, very ornamental, of easy cultivation, excellent for pots or beds, half hardy annual.

Affinis—White, very fragrant, 5 cts. pkt.

Œnothera (*Evening Primrose.*)

Large, showy blossoms, opening toward evening, free growing and useful plant, hardy perennial.

Biennis—True evening primrose, a beautiful and free flowering plant, with long spikes of bright yellow flowers, 5c. pkt.

Pansy.

This lovely flower a favorite with every one, is too well-known to need any description, it will flower in the middle of summer if planted where it is somewhat shaded from the hot sun, and especially if furnished with a good supply of water, but in almost any situation will give fine flowers in spring, hardy perennial.

Non Plus Ultra—Large flowers of the most brilliant colors and fine markings, very choice mixed, 20 cts. pkt.
Bugnot Cassier and Odier Strains—Superb mixture of unsurpassed quality, 25c. pk.
Emperor William—Ultramarine blue, 10c. pkt
King of the Black—Amost coal black, extra fine, 10 cts. pkt.
Snow Queen—Delicate satiny white, 10c. pkt
Yellow Giant—Pure yellow, 10 cts. pkt.
Choice Large Flowering—Mixed, splendid strain, $3.00 oz. 10 cts. pkt.
Fine Mixed—Large flowering, $1.50 oz. 5c. pkt

Phlox Drummondii.

For brilliant effect aud continuous blooming in the flower garden, it is hardly possible to overestimate the Phlox Drummondii, as a plant of simple culture and accommodating habit, it is not excelled by any annual in cultivation, half hardy annuals, 1½ to 2 ft.

Alba—Pure white, 10 cts. pkt.
Alba Oculata—White with crimson eye, 10 cts. pkt.
Splendens—Large bright scarlet extra 10c. pk
Fine Mixed—50 cts. oz. 5 cts. pkt.
Grandiflora Finest Mixed—An improved variety, with unusually large flowers of great substance, $1.00 oz. 10 cts. pkt.
Perennial—Fine mixed, 10 cts. pkt.

Petunia.

These well-known and much admired plants are of the easiest culture, and produce a profusion of flowers during the season, in flower July to October, half hardy annuals.

Nyctaginiflora—White, fragrant, 5 cts. pkt.
Phoenicia—Small, deep purple, 5 cts. pkt.
New Double Fringed—A most beautiful variety, 50 cts. pkt.
Hybrida Grandiflora—Magnificent flowers of extra large size, beautifully fringed and variegated, extra choice, 25 cts. pkt.
Intus Aurea—New yellow throated, large veined flowers, with beautiful deep yellow throat, extra fine, 25 cts. pkt.
Fine Mixed—$1.00 oz. 5 cts. pkt.

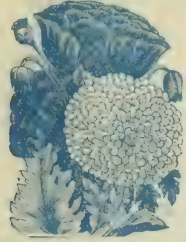
Portulaca, (*Mexican Rose.*)

Low growing plants of easy culture, flowering throughout the summer, they delight in a sunny situation, fine for massing in beds or edging, hardy annuals.

Osage Orange Hedge Plants, two year old, per hundred, 40c. per thousand $3.50. Special price on large lots.

Alba—White, 5 cts. pkt.
Rosea—Rose flowered, 5 cts. pkt.
Golden Striped—Straw color with orange stripes, 5 cts. pkt.
Finest Mixed—60 cts. oz. 5 cts. pkt.
Finest Double Mixed—Will produce a good per cent. double flowers $6.00 oz. 10c.pk

Poppy, (*Papaver.*)



A tribe of remarkable free-flowering plants, producing a rich and effective display in large, mixed borders, grow freely in any common soil, hardy annuals, 2 feet.
Shirley's—Fancy mixed, 10 cts. pkt.
Mikado—The flowers are of pure white at backl, while the fringed edges are of briliant scarlet, 10 cts. pkt.
Carnation Flowered—Double mixed, 30c. oz. 5 cts. pkt.
Pæony Flowered—Double mixed, 30 cts. oz. 5 cts. pkt.
Umbrosum—Flowers glowing vermillion. with a deep black spot on each petal, very showy, single, 50 cts. oz. 5 cts. pkt.
Danebrog—Brilliant scarlet flowers with a spot on base of each petal, single 50c.oz 5 cts. pkt.
Orientale—Superb scarlet flowers, often 6 inches across, hardy perennial, 5c. pkt.

Pyrethrum, (*Feverfew.*)

Handsome, free-flowering, highly ornamental plants. The golden feather and double white are too well-known to need description, annual.
Double Pure White—1½ ft. 50 cts. oz. 5c. pkt.
Golden Feather—Golden foliage, one of the best bedding plants, 1 foot. $2.00 oz. 10 cts. pkt.
Roseum—Persian insect powder plant, half hardy perennial 5 cts. pkt.

Ricinus, (*Castor Oil Bean.*)

Tall growing plants of tropical origin, with ornamental foliage, excellent for center of beds, half hardy annuals.
Borboniensis Arboreus—A very large and handsome variety 15 feet, 40c. oz. 5c. pkt
Finest Mixed—30 cts. oz. 5 cts. pkt.

Salvia, (*Flowering Sage.*)

A very gorgeous and brilliant garden plant of very easy culture, beautiful plant for massing, half hardy perennial.
Splendens—(Scarlet Sage.) Vivid scarlet, fine for massing, $3.00 oz. 10 cts. pkt.
Patens—Deep blue, 15 cts. pkt.

Scabiosa (*Mourning Bride.*)

Very showy plants, with beautiful variegated flowers, valuable for bouquets. they embrace nearly all colors, from very dark to white, sow early in the spring, in the open border, hardy annuals.
Atropurpurea Major—Mixed, 50c. oz. 5c. pkt.
Dwarf—Double mixed, very pretty, 50 cts. oz. 5 cts. pkt.

Sunflower (*Helianthus.*)

Well-known, tall grownig plants, with large brilliant yellow flowers, they are very effective in proper situations, in large shrubbery borders, hardy annuals.

Miniature Sunflower.

Miniature—This charming sunflower is in great demand for cut flowers, habit very branching and dwarf, covered throughout the season with bright golden-yellow flowers, with dark center about two inches in diameter, beautiful small foliage, 3 ft. $3.00 oz. 5 cts. pkt.
Mammoth Russian—Fine, 6 ft. 10c. oz. 5c. pkt
Californicus—Orange, large, double extra, 7 ft. 40 cts. oz. 5 cts. pkt.
Globosus Fistulosus—Large, yellow, finest of all double, 7 ft. 40 cts. oz. 5 cts. pkt.
Oscar Wilde—Single, with small flowers, very handsome, 40 cts. oz. 5 cts. pkt.
Silverleaf—Silvery foliage and small, single golden-yellow flowers with jet black center, 5 cts. pkt.

Our No. 51 Brewster Spring Top Buggy cannot be duplicated by any one else for the money, while our present contract lasts, only $62.50.

Scarlet Runners.

A beautiful ornamental climber producing dazzling scarlet flowers and beans, it grows to a height of 10 ft, 5 cts. pkt.

Smilax.

A beautiful climbing plant, with delicate, graceful foliage, extensively used in bouquets, baskets and interior decorations.
Myrsiphyllum—$2.00 oz. 15 cts. pkt.

Stock (*German Ten Week.*)

One of the most popular and beautiful garden favorites, whether for bedding, massing or pot culture, it is unsurpassed for brilliancy and diversity of color, or duration of bloom and fragrance, sow early in the house and transplant into the garden in May, if warm, half hardy annuals.
Large Flowering Dark Blood Red—$4.00 oz. 10 cts. pkt.
Large Flowering White—$4.00 oz. 10 cts. pkt.
Large Flowering Mixed—$4.00 oz. 10 cts. pkt.
German Mixed—$2.00 oz. 5 cts. pkt.

Sweet Peas (*Lathyrus Odoratus.*)

Beautiful free-flowering climbing plants, producing vast numbers of fragrant flowers, valuable for covering unsightly places, rough fences and trellis work. If the flowers are picked freely, they will be produced long in profusion, and of good size, hardy annuals.
Butterfly—White, tinted lilac, extra, 15c. oz. 5 cts. pkt.
Painted Lady—Rose and white 15c. oz. 5c. pk
Invincible Scarlet—A beautiful deep scarlet, variety, 15 cts. oz. 5 cts. pkt.

White—15 cts. oz. 5 cts. pkt.
Striped—15 cts. oz. 5 cts. pkt.
Grand Blue—15 cts. oz. 5 cts. pkt.
Crown Princess of Prussia—Delicate blush, very fine, 15 cts. oz. 5 cts. pkt.
Fine Mixed—10 cts. oz. 25 cts. ¼ lb. 75 cts. lb.

Sweet William (*Dianthus Barbatus*)

A beautiful class of hardy perennials, with flowers of rich and varied colors.
Fine Single Mixed—50 cts. oz. 5 cts. pkt.
Finest Double Mixed—$1.25 oz. 10 cts. pkt.

Verbena.

Well-known plants of great beauty and variety. When sown early will flower the first season, in flower May to October, half hardy perennials.

Defiance—Beautiful, deep scarlet, 10c. pkt.
Italian Striped—Mixed, 10 cts. pkt.
Candidissima—The best pure white, 10c. pkt
Choice Mixed—Saved only from the most beautiful named flowers $2.50 oz. 10c. pk
Fine Mixed—$1.50 oz. 5 cts. pkt.

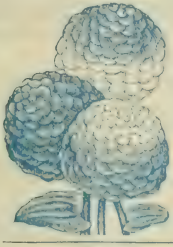
Violet (*Viola Odorata.*)

A well-known favorite, much in demand on account of its profusion of bloom and delightful fragrance, hardy perennials ½ ft.
Odorata—Sweet Violet Blue, $1.50 oz. 10c. pk
The Czar—Light Violet, very fragrant, $2.00 oz. 10 cts. pkt.

"High Grade" No. 73 Elliptic End Spring Top Buggy for $62.50. No better value offered.

Zinnia.

A splendid class of free-flowering plants producing blossoms in great variety of colors, which retain their beauty until destroyed by frost, for early flowering sow



under glass, and transplant when the weather becomes warm, or later in the open ground in May, hardy annuals, 2 ft.

Double Purple—5 cts. pkt.
Double Scarlet—5 cts. pkt.
Double White—5 cts. pkt.
Double Mixed—60 cts. oz. 5 cts. pkt.
Dwarf Double Mixed—$1.00 oz. 10 cts. pkt.

Wild Flower Garden.

All lovers of flowers who are fond of novelties in the way of flower gardens, and cannot give much time in the way of cultivation, will find this mixture the desirable thing if sown *en masse*, as it will produce a continuous bloom of flowers of every hue, and you will have a mass of floriferous splendour that will last all summer this mixture is composed of the most free and showy annuals suitable for a wild flower garden 50 cts. oz. 25 cts. ½ oz. 10 cts. pkt.

INSECTICIDES

Full Directions on all Packages. Descriptive Circulars on Application.

Hammond's Grape Dust

Is a preparation to Kill the Destructive Mildew that strikes the grape vine, affecting leaves, fruit and stems in unfavorable seasons, also for like use upon any other plant or trees affected with mold Mildew or rust mites, lb. 10 cts. 5 lb. 35 cts. 10 lbs. 60 cts. 100 lbs. $5.00, by mail 25 cts. lb.

TRADE MARK.

Kills Caterpillars, Currant, Gooseberry and Cabbage Worms, Potato, Melon, Squash and Cucumber bugs, Rose Slugs, Rose Lice, Price 1 lb. package 10 cts. 5 lb. packages, 30 cts. 10 lb. packages, 50 cts. Put up in barrels of 225 to 250 lbs. in bulk 4 cts. lb.

Flour of Sulphur.

For the prevention of Mildew. lb. 10 cts. 10 lbs. 65 cts. By mail 25 cts. lb.

Hellebore (*White Powdered.*)

For destroying Rose Slugs, Currant Worms, etc. ¼ lb 15c. ½ lb. 25c. 1 lb. 40c. By mail 15 cts. lb. extra.

Canister

Tin Canisters with perforated tops, filled with about 1 lb. Slug Shot, very convenient for dusting plants. Price 20 cts. each. By mail 40 cts.

Persian Insect Powder

(*Pyrethrum Roseum.*)

For destroying roaches, ants, fleas, and other insects. ¼ lb. 15 cts. 1 lb. 55 cts. By mail 15 cts. lb. extra.

Whale Oil Soap.

Whale Oil Soap—Makes an excellent wash for trees and plants, kills insects and eggs on the bark. 1 lb. 15c. (by mail 30c) 5 lbs. 60c.

Paris Green.

Warranted pure, ¼ lb. 10 cts. ½ lb. 20 cts. 1 lb. 30 cts.

(*Special price on large quantity.*

offer the Improved Goshen Rubber Bucket Chain Pump complete for 10 foot cistern, for $4.00.

GRASS AND FARM SEEDS.

This department has been our leading specialty for many years. Our building and location is one of the best in the State, and we have past season added to our already *improved and complete Machinery over double former large capacity*, so that we now run by Electric Motor Power 6 Improved Combined Cleaners and Separators, also Power Corn Sheller. Can upon a minutes notice turn out a car load or more of most every variety of Grass and Field Seeds, Pop Corn, etc., of the best qualities, and our bulking always runs uniform.

Our Facilities Cannot Be Excelled.

As the prices are constantly changing, we offer them subject to market fluctuations. Where customers are in need of large quantities, we will be pleased to quote lowest market prices. All orders with cash filled at the lowest market price on day of receipt.

2 bushel Burlap Bags, 10 cents each. 2 bushel Seamless Cotton Bags, 20 cents each.

Emerald or City Park Lawn Grass Seed.

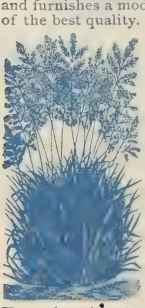
Is composed exclusively of the very best varieties of Grass, such as long experience has shown to be best adapted to produce a thick, heavy, carpet-like lawn. In this mixture use only the very best re-cleaned seed, and can guarantee that for purity and germination, it is equal to any variety sold under any name. One of the greatest troubles in obtaining a good lawn is to get it free from weeds. These, while not always in the seeds, but quite often in the ground, or come from the use of stable manure, are, nevertheless, always objectionable. Our customers can rely, in buying Emerald Lawn Grass Seed, on its being the very purest seed obtainable, and entirely free from weeds or foreign seed. For a new lawn sow 4 to 5 bu. to the acre. For renovating sow 2 to 3 bu. to the acre.

Price per ½ lb. 15 cts.; 1 lb. 25 cts.; 2 lbs. 50 cts.; 5 lbs. $1.00; 16 lbs. $3 00.

(5c. per ½ lb. and 10c. per lb. extra if sent by mail.)

Kentucky Blue Grass.

This grass is almost universally known, and furnishes a moderate supply of pasture of the best quality. It varies in appearance and size according to soil, and in some parts of the country grows spontaneously. It stands drought pretty well, and if let grow up in fall without grazing, makes a good winter pasture. Sow in fall or spring at the rate of two to three bushels per acre.



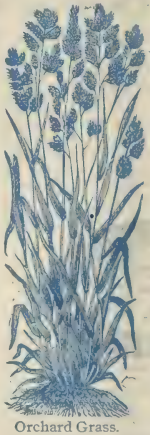
Kentucky Blue Grass.

EXTRA CLEAN, 25c. per lb. FANCY, 30c. per lb. by mail, post-paid.

Write for special price on large lots.

Meadow Fescue.

This thrives in all soils, excellant for permanent pasture, starts early and is very productive; grows two to three feet high; and does well in almost any soil; makes fair hay. Sow in Sept'r. or early in spring at the rate of 1 to 1½ bu. per acre (by mail post-paid 25c. per lb). **Extra Fine**—per lb. 15 cents. **Second Grade**—per lb. 12 cents.



Orchard Grass.

Orchard Grass.

One of the very best grasses in cultivation, and rapidly coming in favor if cut just at the coming into bloom (as it always should be) a good second crop will follow and sometimes even a third. Is recommended for sowing with red clover as they come into flower at the same time. Orchard Grass is one of the earliest grasses, yields immense crops, and makes the best of hay; it endures considerable shade, and is much used for sowing in orchards. 1½ to 2 bushels of seed will sow an acre. (By mail, post-paid, 25 cts. lb.) 10 to 14 cents per lb.

Perennial Rye Grass.

(Imported English Blue Grass.)

Is considered quite valuable, as it affords pasture quite eary in the spring. The leaves are flat, long and glossy; the stalks rather short, seldom over eighteen inches in length. The seeds are large, strong and make a vigorous young plant soon after sowing. The grass is quite variable in size and appearance. Sow in early spring at the rate of 1 to 1½ bu. per acre. (By mail, post-paid, 25c. lb.) 12 cents per lb

Our No. 22½ Harness for $15.00 is equal to what many Harness dealers sell at $25.00. They are fully warranted.

Red Top.

This perennial native grass produces rather late in the season a reddish purple, or greenish panicle of flowers. It thrives best on low land, where it cuts a good crop of rather light hay of fair quality. It is very suitable for pastures on low ground. Sow in September or early spring at the rate of one or two bu. per acre. (By mail, post-paid 20 cts. lb.)

Prime—5 cents per lb.
Choice—6 cents per lb.
Fancy—12c. per lb. $10.00 per 100 lbs.

Red Top.

Timothy.

This grass stands at the head for meadows, particularly for hay that is to be baled for the market, if cut at the proper time, which is, when in full bloom. I prefer to seed it in the fall–September–if it is seasonable, and if, by any reason, their is a partial failure, go over the ground in the spring. Sow ¼ to ½ bu. seed per acre. *Market Price.*

Sweet Vernal.

Is very fragrant, especially when bruised. For a mixture with other grasses for pasture it is quite valuable, as it starts early in spring and grows until late in the fall. For Hay its chief merit is its fragrant odor. It is a vegetable condiment rather than a grass of nutritive value. (By mail, post-paid, 35 cts. lb.) 23 cents per lb.

Johnson Grass.

Johnson Grass—A perennial, a rapid grower, long cane like roots; the leaf stalk and panicle of this Grass resembling those of other Sorghums. Sow at the rate of one bushel per acre, and should be sown in August or September to secure a good crop the following year. Spring sowing brings good crops, but not so heavy as when sown the previous fall; cover lightly. (By mail, post-paid, 25 cts. lb.) 10 cents per lb.

Italian Rye Grass—An early rapid grower, producing large leaves and succulent food. It does best in moist soils. Sow early in spring or fall about 25 lbs. per acre. (By mail, post-paid, 25 cts. lb.) 14 cents per lb.

Sheep's Fescue—Grows naturally on light, dry, sandy soils and mountain pastures. Is considered quite valuable as a mixture with other grasses for permanent early spring. (By mail, postpaid, 30 cts. lb.) 16 cents per lb.

Tall Meadow Oat Grass—This is a perennial grass, has broad, flat leaves and grows about three feet high. Has an abundance of long fibrous roots penetrating deeply in the soil, enabling it to withstand drouth and cold. Sow at the rate of two bushels per acre in early fall on sheep pastures. (By mail, post-paid, 40 cts. lb.) 20 cents per lb.

Wood Meadow Grass—This grass, as its name implies, is found naturally in shady woods, and is well adapted to growing under trees, but will also on exposed places and on light, thin soil, by mail, post-paid, 50c. lb. $35.00 per 100 lbs.

German or Golden Millet–(*True Southern Grown.*) It has been fully established that German Millet grown in the North'rn and Western States becomes deteriorated, and soon resembles Fox Tail in quality and yield. This is due to the fact that German Millet is a native of a warm climate. SOUTHERN GROWN SEED is worth double that of Northern or Western grown, if you want a good crop of hay. We are prepared at all times to fill orders *at market price.*

Missouri or Common Millet—(*Market price.*)

Hungarian Grass—This grass resembles the millet, it is of fine growth, and makes an excellent hay. (*Market price*)

German Millet.

Try our New Washington Market Large Lima Beans, the best flavored and most prolific Bean on the Market. Pint 20 cts. Quart 40 cts. add 15 cts. per Quart for postage. Special rates on Large Quantities.

CLOVERS.

Red Clover—Market price. In ordering always state quality desired, otherwise will send the best; the grades of the market are Good, Prime and Choice.

Red Clover.

Sapling Mammoth Large English or Pea Vine Clover—*Trifolium Pratense Perenne.* Compared with common Red Clover, its flowers, foliage and stems are of a darker color, and its seed is the product of the flowers of the first crop, while the common Red Clover is the product of the flowers of the second crop. It is valuable when sown with other grasses for mixed hay, as it ripens later than the common Red Clover and about the time that Timothy, Orchard and other grasses ripen, thereby making the hay a much better quality. The best for soiling purposes. Market price,

Sainfoin or Esparsette—A perennial, the duration of good crops being about eight years. Grows two to three feet high; flowers in spikes from June to August of a beautiful pink or flesh color, on long foot-stalks.

By mail, post-paid, 30c. lb. 100 lbs. $15.00.

White Dutch Clover—*Trifolium Repens.*—Grows naturally in pastures in a great variety of soils and situations, and is an indispensible requisition in all parks and lawns.

By mail, post-paid, 45 cts. lb.; 100 lbs. $30.00.

Alfalfa Clover.

The most valuable forage plant. It thrives best on a sandy loam, the richer the better, and in such will produce several crops every season. In the driest and most sultry weather, when every blade of grass withers, Alfalfa is as fresh and green as in the spring, as its roots go down from 10 to 20 feet to the moisture of the ground. Although a prodigious yielder it does not exhaust the soil, but rather improves the ground by the decay of its long roots, and converts it into rich ground, full of vegetable matter. The seed may be sown early in the spring. Alfalfa will not flourish on land where water stands a short distance below the surface, nor in heavy, sticky clay. It attains its highest perfection on mellow, well drained or rolling land. Sow (drills), 15 lbs. per acre. By mail, post-paid, 35 cts. lb. $15 per 100 lbs.

Alfalfa Clover.

Alsike or Swedish Clover—So called from being intermediate in its appearance between the Red and White Clovers, possessing qualities common to both being productive, sweet and permanent. Will grow well on very poor soil Should be used in mixtures of grasses and clovers for pasture, and will improve the quality of the hay if mixed with the meadow grasses. It is also esteemed highly for pasturage for bees. By mail, post-paid, 35c. lb. 100 lbs. $20.00

Bokhara Clover—A large plant quite valuable for soiling, producing several crops in a season, its branches bear numerous white flowers which are sweet and fragrant, excellent pasture for bees By mail post-paid, 40c. lb. $25 per 100 lbs.

Japan Clover—A perennial, growing about twelve inches high, of spreading habit and will withstand excessive heat. Valuable only in the South, where it will grow on any soil, and in the driest season. 10 to 15 lbs. per acre, by mail, post-paid, 50 cts. lb. 100 lbs. $30.00.

SPECIAL GRASS MIXTURES.

We are prepared to furnish seeds adapted to all soils and all situations and for all purposes. Our best mixture is made entirely with CHOICE RE-CLEANED SEEDS, while in the second quality we use the same seeds, but without re-cleaning, *and will be equal to the qualities usually to be had on the market.* Our mixtures will have a uniform weight of sixteen pounds to the bushel. Quantity to be used per acre, one and one-half to two bushels, and half this quantity for renovating.

In ordering always state the soil and position on which you wish to use it.

2 bu. Seamless Bags, 20 cts. each. No extra charge for Burlap Bags for 5 bushels or more.

	Per lb.
Mixture for meadows, first quality	20c.
" " " second quality	16c.
" " permanent pasture, 1st qual.	20c.
" " " " 2nd qual.	16c.
Mixture for pasture and hay in orchards and other shady places, 1st quality	20c.
Mixture for pasture and hay in orchards and other shady places, 2nd. quality	16c.
Mixture for marshy grounds, 1st quality	18c.
" " " " 2nd quality	14c.
" " sandy and rocky grounds, 1st quality	18c.
Mixture for sandy and rocky grounds, 2nd quality	14c.

Special prices on large quantities.

FARM SEEDS.

Seed Corn.

(*Two bu. seamless bags 20 cts. each*)

Early Butler Dent—This is without doubt the earliest dent corn in cultivation ears of good size, deep grain of beautiful golden color and small cob, 45 cts. pk.; $1.25 per bu.

King of the Earliest Dent—An early yellow corn. adapted for high latitudes and will mature in 80 to 85 days 50c. pk. $1.50 bu.

Early Ohio White Cap—Early and very productive, generally two or more good sized ears to the stalk, 50c. pk. $1.50 bu.

Improved Leaming.

Early Mastadon Dent—The longest grained and largest eared, early dent corn in the world, it will ripen in 100 days and outyield any known variety of dent corn 50 cts. pk.; $1.50 bu.

Improved Leaming Yellow—Ears of good size, cob red and small, a strong grower and very prolific, a standard variety, 45c. pk. $1.25 bu.

Champion White Pearl—The best white dent corn in cultivation, will ripen in 90 to 100 days, the stalk grows thick and stout, ears of good size, easy to shell, small cob, long grain, and enormously productive 45 cts. pk.; $1.25 bu.

Hickory King—It is entirely distinct from all other varieties, having the largest grain, with the smallest cob ever introduced in a white corn, the stalks bear two good size ears each, and occasionally three, are never barren, no matter how thin the soil, and both ears are filled full out. A single grain, will completely cover the cob section of an ear broken in half, it both shells and shucks easily, and will make more shelled corn to a given bulk of ears than any other variety, 50c. pk. $1.50 bu.

Colden Beauty—Beautiful golden color, strong grower of remarkable size, the rows are straight and filled out to the extreme end of the cob, when broken in half the grain will always reach across the cob, 50 cts. pk. $1.50 bu.

WE SHARPEN, Clean and Repair all leading makes of LAWN MOWERS.

Angel of Midnight—This is an eight rowed long eared Flint variety, pure yellow, very early and great yielder, 50 cts. pk. $1.50 bu.

King Phillip—Early dark yellow Flint, ears from 10 to 14 inches long and 8 to 12 rowed. 50 cts. pk.; $1.50 bu.

Sandford White Flint—Grows strong, quick, and rank, large ears 8 to 10 rows, early and a great yielder, 50 cts. pk. $1.50 bu.

Ensilage Corn—Large White, 90 cts. bu. per bag of 2 bu. $1,70, 10 bu. lots, 75 cts. bu.

Sweet Corn for Ensilage—Is unsurpassed. 50 cts. pk. $1.50 bu. 10 bu. lots, $1.35 bu.

Choice Seed Oats.

(*Burlap Bags, 2 to 4 Bushel 10 cts. each.*)

Clydesdale or Race Horse—A very early variety, weighing 45 lbs. and over per measured bu. as having yielded from 90 to 100 bu. per acre, 25c. pk. $1.00 bu.

White Barley—An old, well-known variety, greatly improved. We have secured the finest stock ever had of this desirable variety. Yields enormously, and weighs from 35 to 40 lbs. per measured bu.

Red Rust-Proof—This is the standard oats of the Southern States, yielding large crops when all other sorts were destroyed by rust. It is a large, heavy, reddish looking berry, very prolific.

White, Black also Mixed—*Market Price.*

Seed Wheat.

Long Berry Red, Fultz, Fulcaster and other varieties—*Market Price.*

(*See our special wheat list issued in. June*)

Spring Wheat and Barley.

Canada Spring, Northwestern Spring, Fall Barley—Market Price.

Buckwheat.

Japanese—a distinct variety enormously productive, ripens a week earlier than the silver hull and yields three times as much to the acre, the straw is heavier, branches more and does not require to be sowed so thickly as other varieties, 5c. lb.; 20 lbs. 60c.; 100 lbs. $2.00.

Silver Hull—5c. lb.; 20 lbs. 60c.; 100 lbs. $2.00.

Common Grey—5c. lb.; 20 lbs. 60c.; 100 lbs. $2. Subject to Market changes.

Peas.

Canada Field—May be sown in drills or broadcast, are used either green or cut and cured like hay, ½ bu. 85c bu. $1.50

Cow or Southern Field Peas-Poor sandy land may be greatly improved by plowing under a crop of cow peas, they also make an excellent fodder, pk. 85 cts. ½ bu. $1.50, bu. $2.85.

Pigeon Peas—For pigeons, ½ bu. 75 cts. bu. $1.25.

Broom Corn.

(25 cents a pound by mail post-paid.)

Improved Evergreen—The best for general cultivation, brush firm, of good length and bright green color, lb. 10 cents.

Dwarf—Grows from 3 to 4 feet high, with straight brush, 10 cents lb.

California Golden—A strong growing variety much resembling the evergreen, but longer brush, and a bright golden color when ripe, 10 cents lb.

If larger quantities of the above are wanted write for special prices.

Sorghum or Sugar Cane.

(*Twenty cts. per pound by mail.*)

Orange Cane—A strong grower, much more juicy than any other variety, the stalk is heavier and a little earlier than the Amber, lb. 5 cents.

Amber Cane—This popular and well-known variety is the earliest and makes the finest quality of both sugar and syrup, lb. 5 cents.

Imphee or Red Top—An old standard sort, and undoubtedly one of the best that has ever been introduced, lb 5 cts.

If larger quantities of the above are wanted, write for special prices.

Rural Branching Sorghum.

(*Milo Maize.*)

Great forage plant of the South, grows in bush-like form. It throws out new suckers from all the lower joints, and thus produces an enormous amount of excellant forage, (by mail, post-paid, 25 cts. lb.) 10 lbs. $1.25.

Kaffir Corn.

A new variety of Sorghum, forming low, stocky and erect plants, producing from 2 to 4 heads of grain on each stalk, heads long and narrow, and filled with white grain which are greedily eaten by all farm animals, matures about the middle of October, resists drought like most Sorghums and furnishes excellent fodder, cultivate same as corn, (by mail, post-paid, 25 cts. lb.) 10 lbs. $1.25.

Teosinte.

In appearance somewhat resembles corn, but the leaves are much longer and broader, the stalk containing much saccharine matter, is very nutritious, it can be cut several times during the season, yielding enormously, if allowed to grow without cutting it will attain a height of 12 to 15 feet. Should not be planted until the soil is perfectly warm in the spring, requires about 4 pounds seed per acre, plant in drills 3 feet apart and two or three seeds every twelve inches in drill. By mail post-paid, 20 cts. oz. $2.00 lb.

Cincinnati is certainly one of the best markets in the World for Seeds, Buggies, Harness, Etc. Do not send to other markets because they issue fancy catalogues.

Vetches or Tares.

This is a plant of the bean family, and grown as a forage crop, the seed is sown broadcast or in drills, using about 2 bushels per acre. It yields large crops of excellent forage, by mail, post-paid, lb. 20c bu. $3.50.

Wild Rice.

For planting in fish-ponds it is especially desirable, and as an attraction for wild fowls it can not be equaled also does well along the edge of marshes and makes fair hay, sow in the fall or very early spring, will grow in water up to about eight feet, per lb. 30 cts. by mail, post-paid 40 cts.

Miscellaneous Seeds.

(10 *cts. lb. extra if sent by mail.*)

	per lb.		per lb.
Flax Seed	$0 10	**Black Locust**	$ 35
Cotton Seed	25	**Apple Seed**	25
Sunflower, Russian	10	**CastorBeans**	25
Hemp Seed	10		

Seeds for Hedges.

(*Ten cents per pound extra if sent by mail.*)

Honey Locust—10 cts. oz. 35 cts. lb.

Osage Orange—10 cts. oz. 35 cts. lb.

Directions for Sprouting the Osage Orange.—Put the seed in a vessel and cover it with water as warm as you can bear your hand in, keep the vessel near the stove, change the water once a day and soak the seed about five days, after which turn off the water and keep the vessel covered with a damp cloth, stir occasionally, and in about one week more, if kept warm, it will begin to start and should then be planted in ground well prepared to receive the seed. Plant in drills, about two inches deep, as soon as the weather will permit. For sale in large or small quantities at the lowest market price.

Peach Pits.

We have for years made the handling of peach pits a specialty, annually securing my stocks from districts entirely free from the yellows, and am prepared to furnish the best. Prices furnished on application.

Bird and Druggists' Seeds.

(10 *Cents per pound extra, if sent by mail.*)

We constantly carry large stocks of the best seeds, and make a specialty of **Mixed Bird Seeds,** which put up according to the best formula, for the health of the birds, from the cleanest and choicest seeds. To guard against the inferior lots offered for sale, have put it up in sealed pound packages.

	per lb.
Canary Seed (3 lbs. 25 cts.)	$0 10
Hemp Seed, American	10
Hemp Seed, Russian (3 lbs. 25 cts.)	10
Mixed Bird Seed, in bulk (3 lbs. 25 cts.)	10

	per. lb.
Mixed Bird Seed, in 1 lb. packages	10
Millet Seed	5
Rape Seed	10
Maw or Poppy Seed	20
Sunflower Seed, (3 lbs. 25 cts.)	10
Prepared Bird Gravel, package 5 cts.	
Lettuce Seed	25
Cuttle-Fish Bone	40

	per lb.
Anise Seed	30
Caraway Seed	20
Coriander Seed	25
Celery Seed, for flavoring	30
Fennel Seed	30
Flax Seed (3 lbs. 25 cts.)	10
Flax Seed, crushed	10
Mustard Seed, white	15
Mustard Seed, black	15
Mustard Seed, crushed	20
Quince Seed, (per oz. 25 cts.)	2 50
Water Melon Seed	25
Pumpkin Seed	25
Vetches, for pigeons	10

Mocking Bird Food

For Thrushes, Mockingbirds, Blackbirds, Nightingales, and all soft-billed birds.

This very superior food for **Mocking Birds** and all **long-billed or soft-billed birds** has been prepared with the greatest care. Being very dry it will keep in any climate for a considerabe length of time, and last longer than the moist food, put up in strong, **air tight tin boxes and glass jars** with handsomely engraved colored wrappers. Directions for use on each package. **Prepared Mocking Bird Food.** Per package 35 cts.

Our stock of first and best Peas, are just as named. FIRST AND BEST, 25 cts. qt. $1.25 peck. Postage 15 cents per quart extra.

Summer-Flowering Bulbs and Roots.

THE SUMMER-FLOWERING BULBS AND ROOTS are inexpensive, very easily grown, require scarcely any care, and produce some of the most showy and beautiful of all summer and autumn flowers. Before hard frost the bulbs must be taken up and stored away in some place secure from frost until spring.

At the prices quoted on single bulbs or by the dozen we send either by express or mail prepaid, by the hundred or thousand at purchasers expense. No less than six will be sent at the dozen, nor less than fifty at the hundred rate.

Amaryllis.

Bulbous plants, with large drooping, bell-shaped, lilylike flowers, varying in color from the richest crimson to pure white, striped with crimson or scarlet, they should be in every collection. None of them will stand the winter out of doors, but some of them may be planted out in May, and will flower quite freely during the summer months. As pot plants for parlor and conservatory decoration during the winter, they are probably unsurpassed by any other genus.

Amaryllis.

	Each	Doz
Belladonna Major—White flushed with rosy purple	15	1 50
Formosissima—Velvety crimson, a desirable border plant	15	1 50
Equestris—Pink, blotched with white at base of petals, large graceful flowers	25	2 50
Rosea—Rose pink	5	50
Treatea—white, fairy lily of the south	4	40

Begonias (*Tuberous-Rooted.*)

The Tuberous-Rooted Begonias are among the most beautiful of our flowering bulbs. They will bloom throughout the summer, requiring no more care than a geranium. The colors range from the most delicate shades of yellow and salmon to crimson, white and scarlet. The tubers may be preserved dry in winter, by packing in charcoal dust.

Begonias.

Choice Single Varieties—Mixed, 20 cts. each, $2.00 doz.

Choice Double Varieties—Mixed, 35 cts. each, $4.00 doz.

Spotted Calla.

(*Richardia Alba Maculata.*)

Leaves deep green, with many white spots Flowers pure white, with black center. Culture easy, blooms freely, 20c each, $2.00 doz.

Caladium Esculentum.

One of the most striking of the ornamental foliage plants, either for pot or lawn planting. It will grow in any good garden

Caladium

soil, it is of easy culture, a full sized plant being 4 to 5 feet in height, with immense leaves. The roots should be preserved in dry sand in the cellar during the winter.

We illustrate very few novelties in catalogue, but can supply you with most anything in this line.
Send all your orders direct to us enclosing remittance at same time.

			per doz.
Small size,	10 cts.	each	$1 00
Second "	25	"	2 50
Large "	35	"	3 50
Extra large	50	"	5 00

Caladium Fancy Leaved.

These plants are especially valuable for decorating conservatories, window boxes, and as specimen plants. Most of the varieties succeed finely in partly shaded warm outdoor borders, in light rich soil, if planted early in the summer. They are never as large as **esculentum**, but the brilliant cardinal red, cream, pink, and various shades of green that are displayed in the veinings and blotches of the leaves cannot be obtained in any other class of plants. For arranging floral baskets or table decorations the leaves are quite as handsome as any flower.

Choice Varieties—25 cts. each $2.75 doz.

Cannas.

(Indian Shot.)

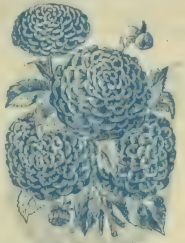
Few plants are more ornamental than the Canna, with its large, broad, massive foliage, growing from three to six feet high, and producing flowers which rival Gladiolus in point of beauty. Very ornamental and unsurpassed for massing.

Cannas.

Mixed Varieties—10 cts. each, $1.00 per doz.
Choice Named Sorts—20c. each, $2.00 per doz.

Dahlias.

The Dahlia is one of the showiest of our Autumn flowers. Commencing to flower in August, they are in a perfect blaze of bloom until stopped by frost in late Autumn. They delight in a deep, rich soil. should be planted three and one-half to four feet apart, and be tied to heavy stakes to prevent strong winds from breaking them down.



Double Dahlias.

Double—Finest varieties in distinct colors, 20 cts. each, $2.00 per doz.
Fine Mixed Varieties—15c. ea. $1.50 per doz.
Double Pompon or Bouquet—15 cts. each, $1.50 per doz.
Single Flowering—Assorted colors, 15c. each. $1.50 per doz.
Cactus Dahlias—Very fine, 20 cts. each, $2.00 per doz.

Erianthus Ravennæ.

An ornamental grass, with white plumes, growing ten feet high, very fine for lawns, 25c. each, large clumps 50 cts. to $1.00 each.

Three Gems from Mexico.

(Beautiful Flowering Bulbs.)

Plant in the open ground in May and take up in the fall, dry them and pack away where they will not freeze.

Milla Biflora.

Is one of the loveliest and most desirable bulbs known. The flowers are in pairs, of a pure waxy white, nearly 2½ inches in diameter, valuable for green-house or outdoor planting, 7 cts. each, 60 cts. per doz.

Bessera Elegans.

Will bloom in the open ground until frost, and has several spikes of flowers, the flower stems are from one to two feet high, with a dozen or more bell-shaped flowers of a bright coral scarlet with white cups and dark blue anthers, 7 cts. each, 60 cts. per doz.

Cyclobothra Flava.

We offer this golden gem to complete the contrast of the three varieties, the cup is golden yellow with fine black spots on the petals, a few bulbs of each, planted in a cluster, form a beautiful contrast, advise every one to try a few of these bulbs, 7c. each, 60 cts. per doz.

One each of the three varieties 15 cts.

Prices on Vehicles are figured down to very close cash figures and to take advantage of these offers you must order soon. Likely, shall be compelled to advance prices on our High Grade Vehicles late in season.

Hyacinthus Candicans.

Perfectly hardy, produces strong flower-stalks three feet high, terminating in fine spikes of bell shaped, pure white blossoms, 10 cts. each, $1.00 per doz.

Hyacinthus Candicans.

Gladiolus.

The most beautiful and desirable of all summer flowering bulbs, has become a general favorite and exceedingly popular wherever known. The Gladiolus is of the easiest culture in any good garden soil, and may be planted from April to the middle of June. Set the bulbs four inches deep, and eight or ten inches apart. For a long succession of bloom plant the bulbs at intervals of ten or twelve days.

Gladiolus.

	Each.	Doz.	Per 100.
Scarlet Mixed Shades,	5 cts.	40 cts.	$2.50
Pink, "	5 cts.	40 cts.	$2.50
White, "	5 cts.	50 cts.	$3.25
Yellow, "	6 cts.	60 cts.	$4.00
Extra Choice, "	5 cts.	40 cts.	$2.25
Fine Mixed,	4 cts.	25 cts.	$1.25

Lilies.

The undernoted varieties of these popular and beautiful flowers are hardy and require little attention after planting, the bulbs should be planted six inches deep, in a well drained location where they can remain undisturbed.

Lilium Auratum.

Auratum—(*Golden Rayed Lily of Japan.*)—This superb, hardy lily has flowers 10 to 12 inches in diameter, composed of six white petals studded with crimson spots, and a bright-golden band through the center of each petal. Fragrant.

	Each.	Per Doz.
Large Size Bulbs	25 cts.	$2.50
Medium Size Bulbs	20 cts.	$2.00

Speciosum Roseum, White rose-spotted . . . . . 20 cts. $2.00

Speciosum Rubrum White crimson-spotted fragrant, hardy, free bloomer.
Extra Large Bulbs 25c. each, $2.50 per dz.
Second Size Bulbs 15c. " $1.50 "

Tigrinum—(*Single Tiger Lily.*)—Very hardy, orange-red spotted with black, 10c. each, $1.00 per doz.

Tigrinum—(*Double Tiger Lily.*)–15 cts. each, $1.50 per doz.

Nymphea Odorata.

(*White Water Lily.*)

This favorite **Water Lily** is easily cultivated in ponds or tubs, on a muddy bottom, with two feet or more of water. Tie the roots to a stone to keep them in place, good strong roots 20 cts. each, $2.00 per doz.

Funkia.—(*Day Lily.*)

This is a handsome plant, with broad, ovate leaves and fragrant white and blue flowers.

White . . . . . 25 cts. each, $2.50 per doz.
Blue . . . . . 20 cts. each, $2.00 per doz.

The Isbell Patent Mole Trap the simplest and best trap ever offered.
If set properly will catch them every time.

Lily of the Valley.

One of the most charming Spring flowering plants producing in profusion its delicate bell-shaped delightfully fragrant white flowers. It will thrive in any common soil, and will do well in shady situations where few other plants will succeed.

Lily of the Valley.

Large Flowering Pips—5c. each, 30c. per doz. $2 00 per 100.
Large Clumps—25 cts. each.

Tuberoses.

The Tuberose is one of the most delightfully fragrant and beautiful of summer-flowering bulbs, throwing up tall spikes of double white flowers, two or three feet high which remain in bloom a long time. The

Tuberose.

bulbs may be planted from February to June for a succession of flowers, and plant in the open ground about the end of May. Tuberoses are about certain to bloom, being carefully grown and selected.

	Each	Doz.	Per 100
Double-Extra Large Bulbs	$0.05	$0.50	$2.00
Double- Large Size . . .	.04	.40	1.75
Double- Medium Size. Good flowering	.03	.30	1.50
Dwarf Pearl- Double Extra Large Bulbs	.06	.60	2.50
Dwarf Pearl- Large Size	.05	.50	2.00
Dwarf Pearl- Medium Size Good flowering . . .	.03	.30	1.50
Single Early—Flower early in July	.05	.50	2.75
Single Early—Variegated Foliage, bordering with creamy white, flowers single	.07	.65	3.50
Excelsior Pearl, Dwarf—Special fine strain of Pearl, large flowers .	.07	.75	3.00

Bulbs by the 100 or 1000, sent by Express or Freight, *purchasers to pay charges.* Write for Special Prices, by the 1000.

Tritoma Uvaria, Grandiflora.

(*Red hot Poker Plant.*)

Splendid, half hardy plant, with long, narrow leaves and a tall flower stem, from 3 to 5 feet, with terminal spikes of orange-red and scarlet flowers, each spike 12 to 15 in. in length, thrive in any good garden soil, take up in the Fall and place in the cellar for Spring planting, 25c. each, $2.50 per doz.

Tigridias.

The Tigridia is a summer flowering bulb and should be planted in the open ground in May, it commences blooming early in July and produces an abundance of gorgeous flowers till October, late in Autumn the bulbs should be lifted, dried and stored in the cellar like Gladioli, it is one of the easiest plants in the world to cultivate and always sure to bloom abundantly in any situation.

Grandiflora Alba—Its flowers are large, of a pearly white color, marked at the base of each division with large spots of reddish brown or chestnut color on a yellowish ground, 7 cts. each 70 cts. per doz.

Conchiflora—Fine yellow spotted with crimson, 5 cts. each, 50 cts. per doz.

Grandiflora—Very large, bright crimson, center varigated with yellow, 5 cts. each, 50 cts. per doz.

Imported Dutch Flowering Bulbs.

For Fall planting, ready September 1st. Catalogue ready in August, mailed free.

To fill the Egg Basket keep the poultry supplied with bones, shells and offals of bones with meat on, ground to a suitable size. Try one of Wilson's Hand Bone Mills, also, use our mixed Grain and Seed.

The Water Hyacinth.

One of the most remarkably curious and beautiful plants ever grown. Instead of growing in soil it floats in the water, which it is enabled to do by means of its curiously inflated leaf stalks. It forms a lovely rosette of its curious, shining green leaves, and throws up spikes of the most exquisite flowers, resembling, in form, a spike of Hyacinth, but as beautiful as many of the choicest Orchids. Each flower is as large as a silver dollar; color, a beautiful lilac rose, sparkling as if covered with diamond dust. 25c. each, $2.50 per doz.

Crinum Americanum.

An evergreen species and of the easiest culture; is best grown as a pot plant, and can be wintered in the cellar if the soil is kept nearly dry. Its large white, exquisitely fragrant, lily-like flowers are produced in an umbel and borne on a tall scape. A striking plant, and far more beautiful than many of the high-priced sorts; blooms several times a year. 25c. each, $2.50 per doz.

Spider Lily.—*(Pancratium Carribeæum.)*

This pretty Amaryllis-like flower is of easy culture, freely producing its clusters of large white, fragrant flowers. Plant in good rich soil in pots, or in summer in the open ground; when through blooming, pot them and withold water until the next season. 20c. each, $2.00 per doz.

Nymphæa Odorata Gigantea.

A gigantic form of the white pond Lily. Flowers pure white with a golden center three times as large as the common pond Lily, and more cup-shaped. The flowers also possess a distinct and charming fragrance. It is perfectly hardy, and a grand plant for tubs, pools, streams or ponds. 20c. each, $2.00 per doz.

New Gladiolus, "Snow White."

A distinct improvement in White Gladioli. The entire flower is a paper white, with a slight cream shade on the lower half of the lower petal. 20c. each, $2.00 per doz.

Gloxinia.

One of the most charming of all pot plants, and it is a pity that they are so little cultivated by amateurs. Their magnificent trumpet-shaped flowers are exquisitely tinted, blotched or "tigered" with minute dots of violet, pink or crimson. Plant in light soil and water very sparingly until growth begins. A slight depression in the bulb indicates the top, and care must be taken to plant it in the correct position. After blooming, gradually withhold water until the leaves die away, dry the bulbs and store them in a dry place. Our bulbs are the pick of the finest European strains. Finest mixed bulbs, 25c. each, $2.25 per doz.

Hardy Day-Blooming Moon Flower,—*(Ipomœa Pandurata.)*

This white Moon Flower differs from all others, as it has a tuberous root resembling a Dahlia, which is perfectly hardy, living in the ground and increasing from year to year. The beautiful dark green foliage is so dense as to form a perfect screen, covering the vine completely from base to summit. Flowers 4 to 5 inches in diameter. They are pure satiny white with purple throat, and produced in the greatest profusion; open day and night from June to October. A strong plant will give more than one hundred beautiful flowers daily for months at a time, being well distributed over the plant, forming a grand display. 25c. each, $2.50 per doz.

We Import annually direct from the principal BULB GROWERS in Holland every variety DUTCH BULBS for house and outdoor planting. QUALITY CAN NOT BE SURPASSED.

Hardy Ornamental Plants and Shrubs.

We can furnish, strong, healthy plants, suitable for immediate planting. **Cannot be sent by Mail.** (*Ready in March.*)

Althea (*Rose of Sharon.*)

This is one of the most showy and beautiful flowering shrubs, the flowers are of large size and of various brilliant and striking colors. It blooms freely during August and September

Double Rose—35 cts. each.
Double White—35 cts. each.
Double Variegated—Pink and white 35c each
Double Purple—35 cts. each.

Burning Bush (*Strawberry Tree.*)

Very ornamental and showy, beautifully berried, 50 cts. each.

Cydonia Japonica (*Japan Quince*)

Bright scarlet crimson flowers in great profusion in early spring. One of the best hardy shrubs, 40 cts. each.

Calycanthus (*Sweet scented Shrub.*)

Flowers purple, very double, and deliciously fragrant, remains in bloom for a long time, very desirable, 35 cts. each.

Dielytra Spectabilis.

(*Bleeding Heart.*)

Dielytra Spectabilis.

One of the most ornamental spring-flowering plants, with handsome Pæony-like foliage and long, drooping racemes of bright pink and white heart-shaped flowers, 20 cts. each, $2.00 per doz.

Deutzia.

One of the most beautiful flowering shrubs

Rough Leaved—White, 25 cts each.
Slender Branched—A charming species pure white, 25 cts. each.

Exochordia.

Grandiflora—Large snow white, flowers in June very beautiful, 35 cts. each.

Forsythia (*Golden Bell.*)

These are pretty shrubs, natives of China and Japan. Yellow drooping flowers, before the leaves, early in the spring, 35c each

Fringe.

Purple Fringe or Smoke Tree—35 cts. each.
White Fringe—50 cts each.

Helianthus Multiflorus Plenus.

Dahlia Sunflower.

There is nothing equal to it among yellow flowers. It grows from 3 to 4 feet high is of bushy and compact habit, and is covered from top to bottom with splendid golden yellow flowers, the size of Dahlias, and perfectly double. They bloom in July and August (the first season) and are altogether one of the most striking and handsome flowers of its season. it is moderately hardy but should have a light covering of leaves or straw during the winter in cold localities 15 cts. each $1.50 doz.

Dahlia Sunflower.

Pæonies (*Herbaceous.*)

One of the most showy and desirable of our hardy ornamental plants. Blooming nearly all summer in almost all situations, even under the shade of trees.

White Pink and Red—25 and 50 cts. each $2.50 and $4.50 doz.

Use SLUG SHOT, It is safe cheap and effective, and will save your plants. Kills Rose Slugs, Rose Lice, Caterpillars, Currant, Gooseberry and Cabbage Worms, Potato, Melon, Squash and Cabbage Bugs.
1 pound pkt. 10 cts. 5 lb. pkt. 30 cts. 10 lb. pkt. 50 cts.

Tree Pæonia.

This plant instead of dying down to the ground every winter, as the herbaceous variety, is a small hard wooded shrub. The flowers are the same in form as the common variety, of a light pink or blush color.
Banksii—1 year old plants 80 cts. each.

Lilacs.

White—25 cts. each.
Purple—25 cts. each.

Pyrus Japonica.

Bright scarlet crimson flowers, in great profusion early in the spring, 40 cts. each.

Hydrangea Paniculata Grandiflora.

(*Hardy Hydrangea.*)

Hardy Hydrangea.

This is one of the most hardy shrubs in cultivation. It attains a height of 3 or 4 feet, and is perfectly hardy in all parts of the country, the flowers are white, borne in immense pyramidal panicles nearly a foot in length it commences flowering in July and continues until November. The plants should be cut back every spring at least one-half of the last season's growth, as the flowers are borne on new wood and are much finer when the plants are treated in this way, this is the finest flowering shrub for cemetery planting, 25 to 35 cts. each.

Snow Ball (*Viburnum Sterilis.*)

A hardy shrub, growing 8 to 15 feet, producing large balls of snowy white flowers in June, 35 cts. each.

Syringa (*Philadelphus.*)

Large white flowers, very showy, 25c. each.

Wiegelas.

Rosea—30 cts. each.
Fol Variegata—Beautiful leaves margined creamy white, flowers pink, 35 cts. each.
Candida White, profuse bloomer, 35 cts. each.

Yucca Filamentosa.

A magnificent, hardy plant, with large, pointed evergreen leaves, flower spikes growing from 5 to 6 feet high, with beautiful lily-shaped flowers, lemon scented, 25c. each, $2.50 per doz.

Spiræa.

Van Houtii–The grandest of all the Spiræas, it is a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, the

foliage hardly showing. Clusters of 20 to 30 flat white florets make up the raceme, and these clusters are set close along the drooping stems, perfectly hardy, and an early bloomer, 25c. each.

COTTON SEED MEAL, Highest Grade, the finest Milk and Butter producing food in the market. IT PAYS TO USE.

CLIMBING VINES.

HARDY AND ORNAMENTAL.

(Ready in March and April.)

Aristolochia Sipho.

Dutchman's Pipe—A hardy vine of rapid growth. Leaves large, yellow flowers, resembling a miniature pipe, 35c each.

Ampelopsis.

Virginia Creeper or American Ivy—Hardy climber of rapid growth, 20 cts. each $2.00 doz.

Ampelopsis Veitchii (Japan Creeper or Boston Ivy)—Hardy, clinging to the smoothest surface. Leaves color finely in autumn changing to the brightest tints of scarlet crimson and orange. Strong two year old plants, 35 cts. each, $3.50 doz. One year old plants, 25 cts. each, $2.50 doz.

Apios Tuberosa.

A hardy Tuberous-rooted Climber—Resemsembling the Wistaria in vine and foliage, sweet violet fragrance, and blooms very freely, the bulbs are hardy and should be left in the ground, 10c each, $1.00 doz.

Cobæa Scandens.

A beautiful climber of rapid growth, with large blue bell-shaped flowers. Not hardy, 10, 25 and 35 cts. each.

Cinnamon Vine (*Chinese Yam.*)

The flowers have a cinnamon fragrance is very desirable as a climber, and also used for baskets and vases, the tubers are hardy and may remain in the ground. Tubers 10c each, $1.00 doz. Bulblets 25 cts. doz.

Clematis.

Most gorgeous climbers with flowers 4 to 7 inches in diameter, growing rapidly and flowering very profusely after becoming well established. They delight in rich soil and a sunny position and are perfectly hardy

LARGE FLOWERING VARIETIES.

Jackmanni—Intense violet purple, with a rich velvety appearance, distinctly veined.

Jackmanni Superba—Very dark violet-purple a large and attractive flower.

Lady Caroline Neville—Delicate blush white, with a broad purplish lilac in the center of each sepal.

Mad Van Houtte—Pure white, extra fine. Strong 2 year old roots 50 cts. each.

SMALL FLOWERING VARIETIES.

Crispa—Lavender and white.

Coccinea—Scarlet.

Strong roots 25 cts. each.

Honeysuckles.

Monthly Fragrant—Red and yellow, fine bloomer.

Halliana—White, changing to yellow, very fragrant, blooms June to November.

Scarlet Trumpet—Bright red trumpet shaped.

25 cts. each $2.50 doz.

Manettia Vine.

This is the most magnificent flowering vine in cultivation, in the garden its charming beauty surpasses everything. Flowers, intense scarlet, tipped with yellow is of the easiest culture, 20 cts. each.

Wistarias. Beautiful hardy climbers.

Madeira Vine

A rapid growing, graceful vine with smooth waxy dark green leaves, and dainty racemes of tiny fragrant flowers, will grow in almost any situation 5c each 50c dz

Wistarias.

American— Light blue, 25 cts. each.

Chinese— White, 40 cts. each.

Moon Flower (*Ipomea Noctiflora.*)

This half-hardy plant is a grand and beautiful climber that produces large, pure white, sweet-scented flowers in great profusion, which bloom in the night and on dull days. It is a strong vigorous climber, attaining a height of 25 feet in one season, with ordinary culture, 10 cts. each $.100 doz.

Passiflora (Passion Vine.)

Constance Elliot—Ivory white flowers of great beauty and well adapted for house culture or training over trellises during the summer, profuse flowering and very fragrant, 25 and 50 cts. each.

Cerulea—Purple flowers, 2 inches in diameter, 15, 25 and 40 cts. each.

ROSES.

Everblooming Roses.

Catherine Mermet, bright flesh color.
Bon Silene, deep rose.
Devoniensis, creamy white.
Hermosa, pink, very double.
Marechal Neil, golden yellow
Niphetos, pure white.
La France, very double, silvery pink.
Bride, white, large and full.

Gen'l Jacqueminot.

Papa Gontier, crimson.
Maria Van Houtte, straw yellow color
Perle des Jardines, double, yellow

Queen of Bedders, crimson.
Small Plants, 10 cts. each, $1.00 per doz.
Large " 30 cts. " $3.00 "

Hardy Hybrid Perpetual Roses

Alfred Colomb, bright carmine red.
Gen'l Jacqueminot, rich crimson.
Victor Verdier, rose, free bloomer.
Coquette des Alps, white shaded crimson.
La Reine, rosy pink.
Martha Washington, fine white.
Anna de Diesbach, bright rose, fragrant.
Jules Marcotten, deep rose, large and fine.
Madame Gabriel Luizet, silvery, pink, large,
Paul Neyron, dark rose, rich, fragrant.
Prince Camille de Rohan, dark crimson.
Magna Charta, bright, pink, large, fragrant.
Small Plants, 10 cts. each, $1.00 per doz.
Large 2 year Dormant Plants, 30 cts. each, $3.00 per doz.

Hardy Climbing Roses.

Baltimore Belle, pale blush.
Gem of the Prairie, light crimson.
Small Plants, 10 cts. each, $1.00 per doz.
Large 2 year Dormant Plants, 30 cts. each, $3.00 per doz.

Hardy Moss Roses.

Glory of Mosses, pale rose.
Luxembourg, brilliant red.
Perpetual White, pure white.
Small Plants, 10 cts. each, $1.00 per doz.
Large 2 year. Dormant Plants, 30 cts. each, $3.00 per doz.

PLANTS.

$1.00.—COLLECTIONS SENT POST-PAID.—$1.00.

will send Half of One Collection and Half of Another when desired, but no other change can be made. No order for collections of plants will be filled for less than $1.00.

SELECTION OF VARIETIES MUST BE LEFT TO US We will, in all cases, send choice, popular varieties of plants that can not fail to please. All plants are plainly labeled.

No. 1—15 Ever-blooming Roses, good assortment.
No. 2—12 Hybrid Perpetual Roses, good assortment.
No. 3—7 Ever-blooming and 4 Hybrid Perpetual Roses.
No. 4—3 Hardy Climbing and 7 Hybrid Perpetual Roses.
No. 5—15 Finest Single Flowering Geraniums.
No. 6—15 Finest Double Flowering Geraniums.
No. 7—7 Double and 7 Single Flowering Geraniums.
No. 8—6 Single, 6 Double and 2 scented Geraniums.
No. 9—15 Coleus, beautiful varieties, or of one variety if desired.
No. 10—12 Chrysanthemums, large and small flowering, for cut flowers or outdoor bedding.
No. 11—14 Carnations.
No. 12—14 Fine Fuchsias, all named sorts.

We are not only sellers but one of the largest "cash" buyers in the State of every variety of GRASS and FIELD SEEDS, Fancy Seed Grain, etc. Would be pleased to receive Samples of any Fancy Stock you may have to offer.

GENERAL LIST OF PLANTS.

All Small Plants by Mail Post-paid. Large Plants by Express, at Expense of Purchaser.

	Each.	Per Doz.
Abutilons	$0 10	$1 00
Alternantheras	08	75
Begonias, Flowering	10	1 00
Begonias, Rex	10	1 00
Centaureas	15	1 50
Carnation Pinks	10	1 00
Coleus, fine varieties	08	75
Chrysanthemums, named varieties	10	1 00
Double Daisies, white and crimson	10	1 00
Geraniums, single varieties	10	1 00
" double "	10	1 00
" fancy & Ivy leaf "	10	1 00
" fragrant "	10	1 00

	Each.	Per. Doz.
Lantanas	10	1 00
Lobelias	10	1 00
Pansies, extra large flowering	8	75
Petunias, Single	10	1 00
Verbenas	10	1 00
Verbenas Lemon	10	1 00
	Each.	Per. Doz.
Fuchsias	10 to 25	1 00 to 2 50
Heliotropes	10 to 15	1 00 to 1 50
Hollyhocks, double	10 to 15	1 00 to 1 50
Petunias, double	15 to 20	1 50 to 2 00
Salvia	10 to 15	1 00 to 1 50
Violets double & single	15 to 20	1 50 to 2 00

Fruit Trees, Grape Vines, Small Fruits, Etc.

Ready in March and April.

Please send in your orders early, to secure prompt shipment. Sent by Express or Freight, at expense of purchaser.

Grape Vines.

	2 YEARS. Each.	Doz.
Catawba, late red	$0 15	$1 25
Concord, black	10	1 00
Delaware, small red	20	2 00
Brighton, light red, changing to crimson	25	2 50
Empire State, white, very fine	30	3 00
Ives, dark purple, sweet, hardy	10	1 00
Lady Washington, deep yellow color, sweet	30	3 00
Martha Early, pale yellow, with white bloom and sweet	15	1 50
Moore's Early, black, hardy and productive	20	2 00
Pocklington, color light golden yellow, choice	20	2 25
Salem, Early, large, red, sweet, good keeper	20	2 00
Wilder, (Roger's No. 4.) deep blue back, juicy, rich and sweet	20	2 00
White Niagara, large compact bunches, weighing 8 to 14 ounces, quality sweet and melting	20	2 25
Eaton, bunch very large, weight 1 to 1¼ lbs. skin black, sweet and juicy pulp, a very superior grape	50	5 50
Colerain, *a new white grape, hardy,* flesh juicy and remarkably sweet. 1 year old 75c. 2 year old $1.00.		

Currants.

	2 YRS. OLD. Per Doz.
Large Cherry and Red Dutch	$1 00
White Grape and White Dutch	1 00
Lee's Prolific—Black, large	1 25
Fay's Prolific—color red, very large, the best grown	2 00

Gooseberries.

	2 YRS. OLD. Doz.	Per 100.
Downings, very large and fine quality	$1 25	$6 00
Houghton, medium size, very productive	1 00	5 00
Smith's Improved, large, thin skin, best for table use	1 25	7 00
Industry, English sort, of very large size, hardy and prolific	2 50	

Blackberries.

	Per Doz.	Per 100.
Snyder, hardy and prolific	$0 50	$2 00
Early Harvest, very prolific, choice variety	50	2 00
Taylor's Prolific, fruit large and good quality	75	3 00

Raspberries.

	Per Doz.	Per 100.
Gregg, the largest and most prolific black cap	$0 40	$1 50
Cuthbert, large crimson berry, one of the best	40	1 50
Shaffer's Colossal, the largest of all purple berries	50	2 00

Try our Famous Kentucky Field Pumpkin Seed. The best for general use 5 cts. pkt. 10 cts. oz. 35 cts. lb.
SYRACUSE STEEL FRAME CULTIVATORS, the best Horse Cultivator on the Market.

Dewberry.

Lucretia—One of the low growing, trailing Blackberries, in earliness, size and quality it equals any of the tall-growing sorts, 50 cts. per doz., $2.00 per 100.

Strawberries.

Can supply any of the following leading varieties.

Plants marked (P) must be planted with staminate varieties to produce perfect berries

Bubach No. 5, (P)
Chas. Downing,
Cumberland,
Jersey Queen, (P)
Kentucky,
Wilson Albany.
Haverland, (P)
Crescent Seedling, (P)
Jessie,
Jas. Vick,
Sharpless,

20 cts. per doz. 75 cts. per 100. Special price by the 1,000.

FRUIT TREES.

Apples.

Standard, 2 and 3 years old, 5 to 7 feet high, 25 cts. each, $2.00 per doz.

(*Summer.*)

Early Harvest, medium, pale yellow, tender.
Golden Sweet, large, pale yellow, very sweet.
Red Astrachan, large, beautiful deep crimson.
Sweet Bough, large pale yellow tender sweet.
Summer Queen, fair size, yellow & red, tender.
Tetofsky, med. size, yellow, striped red, acid.
Western Beauty, large, pale, striped red, fine.

(*Autumn.*)

Duchess of Oldenburg—Good size, yellow, streaked red, juicy, rich, sub-acid.
Belleflower—Medium to large, yellow.
Maidens Blush–Large, beautiful, blush cheek.
Rambo–Medium, tender, juicy, mild flavored

(*Winter.*)

Ben Davis—Large, handsome, striped, good quality, valuable late keeper.
Bailey's Sweet—Large, striped, deep red, tender.
Baldwin–Large, bright red, crisp, juicy, rich.
Grimes' Golden—Good size, yellow, of highest quality, very productive.
Golden Russet—Medium, dull russet, crisp, juicy, high flavored.
King of Tompkins County—Large, striped red and yellow. One of the best.
Northern Spy—Large, striped, mild, subacid and tender, with a rich delicious flavor.
Rawles Janet—Medium, greenish, yellow, striped with red, rich, crisp and juicy, a long keeper.
Rome Beauty—Large, yellow, shaded with bright red, flesh yellow.
Smith's Cider–Medium, striped, flesh tender, juicy, sub-acid.

Crab Apples.

5 to 7 Feet, 30 cts. each, $3.00 per doz.
4 to 5 Feet, 25 cts. each, $2.00 per doz.

Sweet Cherries.

Black Eagle, large, black, high flavored, July.
Early Purple Guigne, the earliest fine variety, June.
Governor Wood, very large yellow, June.
Rockport Bigarreau, very large, pale red, July, 5 to 7 feet, first-class, 50c each, $5.00 doz. 4 to 5 feet, medium, 30c each, $3.00 doz.

Sour Cherries.

Early Richmond, medium size, dark red, June.
English Morello, medium to large blackish red August.
Late Duke, large, light red, July.
May Duke, large, red, June.
4 to 6 feet, first-class, 40c each, $3.50 doz.
3 to 4 feet, medium, 30c each, $3.00 doz.

Peaches.

3 to 5 feet, 25 cts. each. $2.00 per doz.
Alexander, red, early June.
Crawford's Early, unsurpassed, August.
" **Late,** splendid, September.
Early York, white and bluish, August.
George IV, large, juicy, sweet, September.
Hale's Early, medium size, July.
Old Mixon, pale yellow, September.
Champion, New, early, white with red cheek, delicious flavor, large size, good shipper freestone. The best large sized, early peach. Hardy and very productive, 30 cts. each, $3.00 doz.

Plums.

On Plum Stocks, No. 1, 50c. each, $5.00 doz.
Bradshaw, very large, dark violet red, Aug.
General Hand, large, golden yellow, Sept.
Gennii, very large, deep bluish purple, Sept,
Moore's Arctic, remarkably hardy, dark purple.

Apricots.

Common Sorts, 4 to 5 feet, 40c. each, $4.00 doz
Russian " 4 to 5 feet, 50c. each, $5.00 doz

Pears.

The letters D and S denote Dwarf and Standard Trees.

Dwarf aud Standard—6 to 8 feet, extra, 50 cts. each, $5.00 per doz.
Dwarf and Standard—5 to 7 feet, first-class, 50 cts. each, $5.00 doz.
Bartlett—Large size, very juicy and high flavored. Last of August D. and S.
Clapp's Favorite—A large fine pear, pale lemon yellow, August and September, D. and S.

PERSIAN INSECT POWDER, the best in the world for destroying Ants, Fleas, Roaches, Flies etc.
¼ lb. 15 cents, lb. 55 cents. 15 cents per lb. extra, by mail.

Flemish Beauty—Large, beautiful, juicy, melting, rich and fine. September and October. D. and S.

Doyenne D'Ete—Small, sweet, yellowish, August. D. and S.

Le Conte—Fruit large, skin smooth, pale yellow.

Kieffer's Hybrid—Fruit of fine size, rich color and good quality. October and November. D. and S.

Seckel—Small, rich, yellowish brown, one of the best and highest flavored pears known. Sept. and Oct. D. and S.

Lawrence—About medium, yellow, thickly dotted, very rich, fine flavor, one of the best. Very productive. December to January. S.

Persimmons.

Common—2 to 3 feet, 40 cts. each, $3.75 doz.

Mulberries.

Russian—5 to 7 feet, 50 cts. each, $4.50 doz.

Quinces.

3 to 4 feet, 50 cts. each, $5.00 per doz.

Champion—Very large and tender.

Orange—Large, Golden yellow.

Nuts.

	Each	Doz.
Almonds—Hard and soft shell 3 to 4 feet	50	$5 00
Butternut—6 to 9 feet	50	5 00
Black Walnut—5 to 7 feet	50	5 00
Chestnut, American sweet, 6 to 7 ft.	50	5 00
Walnut—English, 3 to 4 feet	50	4 00

Deciduous Trees.

	Each.
Ash, white and European	$0 50
Catalpa, Speciosa	50
Elm, American and Scotch	75
Horse Chestnut, white flowering	75
Linden, American and European	60
Magnolia, Acuminata	75
Maple, Silver Leaved,	50 to 1 00
" Rock or Sugar	75
" Weir's Cut Leaf	75
Mountain Ash, European and Oak-leaved	75
Poplar, Lombardy	50 to 75
" Golden	75
" Carolina	75
Willow, Laurel Leaved	75

Weeping Trees.

	Each.
Ash, Golden Bark	$1 00
Birch, Cut Leaved	1 00
Beech, Pendula	1 50
Elm, Fulva Pendula	1 00
Mountain Ash, Weeping	1 00
Willow, New American and Kilmarnock	75

Evergreens.

	Each.	Doz.
Arbor Vitæ, American, 18 to 24 in.	$0 20	$2 00
" " " 2 to 3 feet	30	3 00
" " " 3 to 5 feet	50	5 00
" " **Compacta**, 12 to 15 in.	25	2 50
" " " 15 to 18 in.	40	4 00
" " **Pyramidalis**, 2 to 2½ ft.	65	7 00
" " **Siberian**, 1½ to 2 feet	45	4 80
Fir Silver, American Balsom, 1½ to 2 feet	30	3 00
2 to 3 feet	50	5 00
Juniper, Irish, 2 to 3 feet	50	5 00
Pines, Austrian and Scotch 2 to 3 ft.	50	5 00
" " " 4 to 5 ft.	60	6 00
Pine, White, 3 to 4 feet	50	5 00
Spruce Norway, transplanted 1½ to 2 feet	20	2 00
Spruce Norway, transplanted, 2 to 3 feet	40	4 00
Spruce. Hemlock or Weeping, 2 to 3 feet,	50	5 00

Evergreen Shrubs.

	Each.	Doz.
Box Tree, 6 to 10 inches	$0 25	$2 50
" **Dwarf**, 4 to 6 inches	10	75
Mahonia, Aquifolia, 2 to 2½ feet	30	3 00

BOOKS.

Sent Post-paid on Receipt of Price.

How the Farm Pays-(Henderson & Crozier.) $2 50

Gardening for Pleasure—(Henderson.) 2 00

Gardening for Profit—(Henderson.) 2 00

Handbook of Plants new edition, (Henderson) 4 00

Mushroom Culture—Illustrated 50

Onions—How to raise them profitably 30

Practical Floriculture—(Henderson) 1 50

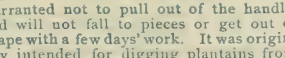
New American Poultry Book—Paper 25

Bee Keepers—Handy book, (Alley) 1 00

Bee Culture—(Thos. G. Newman) 40

Cleves' Angle Trowel.

THE NEW HANDY DIGGER.



This Trowel is one solid piece of steel—shank and blade. It is well made and is warranted not to pull out of the handle, and will not fall to pieces or get out of shape with a few days' work. It was originally intended for digging plantains from lawns, its strong, angular form being specially adapted to prying and twisting; but it was found to be equally advantageous for florists' and amateurs' use in general garden work.

No. 1—8in. blade 35c. No. 2—7 in blade, 30c.
No. 3—5 in. blade, 25 c.

Stock and Poultry Supplies.

MIXED GRAIN AND SEED FOR POULTRY.

Have prepared a mixture of about ten different sorts, among these are Buckwheat, Hungarian, Millet, Wheat, Cracked Corn, etc. Best food in the market, while present stock lasts. Price per bushel only 50 cents.

ANGLO AMERICAN POULTRY FOOD.

Is a specially prepared Food for all kinds of laying Fowls, Young Geese, Chicks, Ducks, Turkeys, etc. Special care being paid to the wants of Poultry and Game after a close observation for years of their requirements and habits. Its use renders Poultry raising lucrative, a business that has heretofore been unprofitable, owing to the prevalence of Cholera and other diseases. It secures a much larger return from Fowls, and as an egg producer and health preserver it has no equal; it forms bone, muscle, and fine plumage, and Poultry are fitted for the market much earlier by its use, making them the most profitable of stock.

1 lb. package, 25 cents. 6 lb. package, $1.00

HAVENS' CLIMAX CONDITION POWDER.

For Horses, Cattle, Swine or Poultry. Will prevent and cure Gapes and Poultry Cholera. Liberal package, 25 cents, by mail, 40 cents.

GROUND OYSTER SHELL.

5 lbs. 15 cents, 10 lbs. 25 cents, 100 lbs. $2.00, 200 lbs. $3.25.

PURE GROUND BONE.

For Poultry and Cattle, per lb. 5 cents, per 100 lbs. $3.75.

SUNFLOWER SEED.

Good Egg Producer, 8 cents per lb.

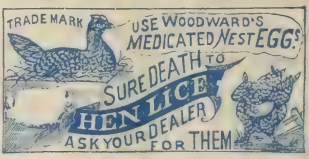
ROCK SALT.

For Horses and Cattle, 3 cents per lb.

DRINKING FOUNTAIN FOR POULTRY.

Can be filled easily. Water always clean. Chickens can not get drowned in it.

Price ½ Gallon.....25c
1 Gallon.....40c
2 Gallon.....60c



SASSAFRAS OR MEDICATED NEST EGGS.

For setting and laying hens, 6 cents. each, 40 cts. per doz., 3 cts. each, or 25 cts. per doz. extra by mail.

COTTON SEED MEAL.

The most economical article for feeding stock now known. The demand for it is in excess of the supply; about three-fourths of our entire product going to Europe, where necessity compels the most rigid economy in the purchase of feed. This alone is sufficient evidence of its high value. From a chemical analysis made for the American Agriculturist, shows the milk producing properties contained in different articles of feed.

Being 40 per cent. more than Linseed Meal, and nearly three times as much as Bran and Mill feed, and five times more than Corn and Oats. Fed to dairy cattle, the yield of milk is largely increased, and twenty to twenty-five per cent. more cream or butter is obtained. All who have used it attest to these facts.

In addition to its value as a milk preducer, it contains of flesh and fat producing properties, from twenty-five to fifty per cent. more than other feeds. It is rich in ammonia, and the most valuable manure is obtained from its use.

DIRECTIONS FOR FEEDING. Milch cows and fattening cattle, mix with other feed, beginning for each animal, with one pint at a feed, increase gradually for a week or ten days, to two quarts at each feed. Fattening hogs one quart. Horses one-half pint every other day. Sheep one-half pint. Price subject to change. Per bag of 100 lbs. $1.40 Five bag lots, per bag, $1.35. Per ton, $26.00.

LINSEED OR OIL CAKE MEAL.

(OLD PROCESS.)

That of all feeding substances, Oil Cake Meal stands at the head. To farmers it is especially valuable. It is a great flesh former, milk and butter producer, and on fair test will prove to be an economical cattle food. Prices subject to change. Price per 100 lb. bag, $1.50, per ton, $28.00.

FERTILIZERS.

The benefits arising from the use of Commercial Fertilizers are too well-known, and their value too well established to require any arguments or explanations.

The ingredients of the best Fertilizers are **Phosphoric, Acid, Ammonia and Potash,** all in an available form, and the honest manufacturers put only the best and most suitable materials in their goods, discarding those that give a high commercial value at the expense of real worth to the land, and avoid thereby, stimulating but not feeding the crop successfully. Our experience of **twenty years** in the business as manufacturers agent of **High Grade Fertilizers** and my facilities for obtaining material of the first-class, enables us to offer the highest grade of goods to be found anywhere, and when we go into a neighborhood, all our customers are our reference after the first crop. The following goods are in great demand.

GAME GUANO.

5 lbs. 25 cts., 25 lbs. $1.00, 50 lbs. $1.50, 100 lbs. $2.50, bag or bbl. 200 lbs. $4.00, per ton $35.00.

Analysis.

Available Phosphoric Acid	8.00 to	10.00	pr ct
Total " "	" 10.00 "	13.00	"
Ammonia Available,	2.50 "	3.50	"
Potash soluble in water	2.00 "	3.00	"

For all Grain crops, and especially good for Spring crops and Vegetables, owing to its ammonia and potash. This grade is best adapted to Wheat seeded on Corn land, also for grass following wheat.

"B. G." AMMONIATED BONE PHOSPHATE.

Bag or bbl. per 200 lbs. $3.25, per ton $30.00

Analysis.

Available Phosphoric Acid	7.00 to	9.00	pr ct
Total " "	" 9.00 "	12.00	"
Ammonia Available,	1.50 "	2.50	"
Potash soluble in water	2.00 "	3.00	"

For Wheat, Corn, Oats, Rye and Buckwheat

LAND PLASTER.

Per bbl. about 300 lbs. $1.50

DISSOLVED BONE PHOSPHATE & POTASH.

Bag or bbl. 200 lbs. $3.00, per ton $28.00

Analysis.

Available Phosphoric Acid	11.00 to	14.00	pr ct
Total " "	" 13.00 "	17.00	"
Potash, soluble in water,	2.00 "	3.00	"

For Wheat, Oats, Rye and Fall Crops.

FERTILIZER FOR POT PLANTS.

The Excelsior. A Great Success. Makes Plants Grow and Bloom Luxuriantly.

It is used by dissolving a teaspoonful to a pint of water and applying to the soil every few weeks. It starts the plants at once into a healthy and vigorous growth and abundant bloom.

Package about 8 ounces . . . . . 15 cts
Two Packages . . . . . 25 cts
By mail, post-paid, 10 cts. a package extra.
Per dozen $1.20

In addition to the above first-class goods have **Pure Raw Bone Meal and Acidulated Bone** Also other Fertilizers on application.

LAWN FERTILIZER OR DRESSING.

To produce a rich, luxuriant, and lasting growth of beautiful dark-green grass, use my Lawn Dressing. It is quick in action, its effect being seen immediately after the first rain. It acts energetically on the unfolding leaves, goes directly to the roots, stimulates them to activity, and causes the grass to thicken. A firm growth follows, which remains green, luxuriant, and velvety for the whole season. Stable manure is very unsightly, gives an unpleasant odor, disfigures the lawn, and contains weeds and other foreign seeds. The dressing should be applied in winter or spring, and sown broadcast on a damp day, or just before a rain. 10 lb. 50 cents, 25 lb. $1.00, 50 lb. $1.75 100 lb. $3.00.

If large quantities of Seeds are wanted send your list for estimate cost.

IMPLEMENTS, ETC.

Improved Switzerland Seed Sower.

Will sow at least three times as fast as by hand, and with more ease, being very light, weighing less than one pound. The method of operation consists in a succession of semi-circular swings from right to left,

and vice versa. it will sow Timothy 18 feet. wide, clover 30 feet wide. With it the difficulty of sowing in wind is to a great extent overcome, the best sower in the world for the money, price $1.25, 6 for $7.

Well's Grass Seed Sower.

This Seed Sower is 10 feet long and works with a slide, price $2.00,

New Goshen Seed Sower.

Has been greatly improved, will sow all kind of grain and seed to your perfect satisfaction, price $1.75, 4 for $6.00.

The Cahoon Seed Sower.

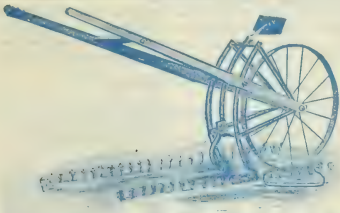
The difficulty in sowing is entirely overcome by the use of the Cahoon Broadcast Seed Sower which can be handled with ease by an entirely inexperienced person and will sow much more evenly than can possibly be sown by hand, price $3.50, 3 for $10.00.

Iron King Seed Drill.

A SPECIAL FEATURE OF THIS DRILL is the shoe which makes the V-shaped groove to receive the seed, thus obviating scattering, and insuring a uniform depth to all the seed, consequently it comes up at the same time and in an exact line. The seed plate is made with holes varying from one-sixteenth to five-eighths of an inch, leaving it to the operator to choose opening in proportion to size and amount of seed to be sown. Another important feature is the revolving disks that close the groove without dragging or disturbing the seed. For sowing fertilizer, remove seed hopper and put large hopper in its place, no other change except to lower the shoe on seed spout to the required depth, the amount to be sown is governed by opening or closing the aperture in the bottom of the hopper.

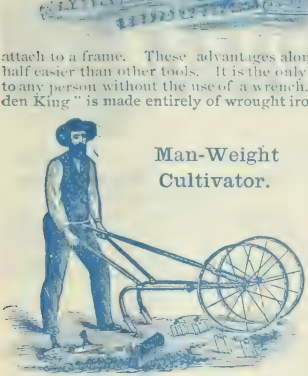
Points of Superiority—It can not tip over. The markers are governed without stooping, it sows all kinds of seed in an exact line and at a uniform depth, it sows commercial fertilizer by simply changing hoppers. It has an adjustable shoe for sowing seed any required depth. Price, Single Seed Drill $8.00, with Fertilizer, attached $10.00.

Agency for the Light running F. & N. Lawn Mower. BEST and CHEAPEST MOWER ever offered. Try one.
12 In. $4.00, 14 In. $4.75, 16 In. $5.50, 18 In. $6.25, 20 In. $7.00.



The Garden King Cultivator

As a Hand Plow, Hand Hoe, Seed Coverer, Marker or Hiller is unequalled. It is the only tool made with a plow on one side and a cultivator on the other, so that any kind of work can be done by simply reversing or turning the tool over which is a convenience and a great saving of time. It is the only tool made with the handles attached to the axle of the wheel. The wheel being high (23 in.) brings the power applied against instead of down on the axle as in the small wheel tools, or those on which the handles attach to a frame. These advantages alone make the "Garden King Cultivator" run one half easier than other tools. It is the only tool made in which the handles can be adjusted to any person without the use of a wrench. With the exception of the handles the "Garden King" is made entirely of wrought iron and steel. Price, $3.75.



Man-Weight Cultivator.

A new machine, a new principle which abolishes much of the drudgery of cultivating the soil, making slow, laborious disagreeable labor rapid and pleasant. Man-power work is done almost without work. **Combined Machine**–With every double wheel machine we furnish all the extras necessary to convert it into the single wheel machine, without extra charge, thus giving the two machines for the price of one.

Single wheel with attachments,	$6 00
Double, " "	8 00

Clipper Seed and Grain Mills.

These mills are especially adapted for cleaning Grain, Clover and Timothy seed, No. 1, for grain and Clover, $22.00. Descriptive circulars and prices for larger sizes, for either hand or power, sent on application.

Thistle or Weed Cutter.

For cutting thistles, dock or other weeds out of Lawn or gardens. With this tool they can be cut up by the roots without breaking the surface of the lawn. Price, Thistle Cutter with foot rest, 60 cts. without foot rest 50 cts.

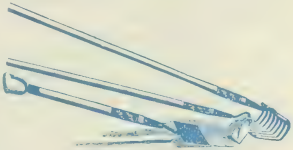
The Dexter Garden Plow.

This cultivator is the perfection of all labor saving implements in working plants in the garden. Every person who has a

garden should have one. A boy of 10 years can keep a garden in perfect order, working the plants more perfectly with one of these Cultivators than a grown man can with a common hoe. Shipping weight 15 pounds. Special price $2.75.

Ida Moore Garden Plow, Single Handle $2 50

Floral Sets.



These sets are composed of three tools—a hoe, spade and rake. They are not toys, but serviceable, durable, tools, well finished The hoe and spade have forged steel blades, brightly polished. The rake is of malable iron of the latest and most improved pattern. Price per set, only $1.00.

Solid Steel Turf Edger, Handled For trimming edges of grass, borders, walks, etc Price, 50 cts.

Syracuse Steel Frame Cultivators.

The longest and stiffest frame made, side and cross bars in one piece, no bolted corners to get loose and shaky, side shifting handles, great improvement over all others, points reversible, including wing points, wings can be changed to throw more or less earth to or from the crop, stays in hard ground when others fail, thousands in use.

No. 5—Five Points, without Wheel $4 00
No. 6— " " with " 5 00
No. 7 " " Shovel and wing points, without Wheel . 5 25
No. 8 Five Points, Shovel and Wing Points, with Wheel 6 00
No. 20—Plain Cultivator, Five Points, without Wheel 3 75

Regular Points, Nos. 29, 30, 31 or 32 . . . . . 10c
Regular Points, Nos. 33, 34 or 35 15
Shovel Point, 39 25
Wing Points, Nos. 40 or 41 . . 30

Right. Left.

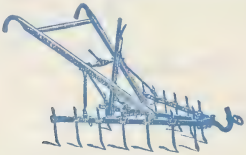
Steel Cultivator Points.

1 1½ 2 2½ 3 3½ 4 in.

7 in. Shovel

The Little Giant 14 Tooth Harrow.

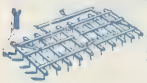
This is the most complete and perfect tool of the kind in the market, combining, as it does, a Field Cultivator and Garden Harrow and Pulverizer, they are so arranged that one end is the Cultivator and Pulverizer



while the other end is the harrow, by a very simple device the slant of the teeth can be made a Perfect Smoothing Harrow, it has fourteen ⅜x⅞ diamond teeth drawn to a cutting edge on one end, plain $5.00, with lever attachement $6.00.

Scotch Harrow.

The Harrow is made of good tough oak bars for holding the teeth, having turned wooden spools between them, these spools are bored lengthwise, and have iron rods running through them and through the bars, the entire width of each section or half of the harrow, at three different places, which bolt them solidly together. A Harrow made in this way will last as three made in the ordinary way, they are finished in first-class style.



Scotch Harrow.

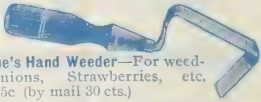
Scotch Harrow, with 40 half-inch steel teeth $7 00
Scotch Harrow Frames, without teeth, $5 25

The Bowman Hand Garden Cultivator.

This Cultivator is designed for the cultivation of all kinds of garden vegetables, and may be used successfully as a potato digger, it saves two-thirds of the time and labor over ordinary hand hoeing, and leaves

the ground in much better condition for the growth of the crop. This implement fills perfectly the wants of those who have small gardens, as the work is so easy, quickly and thoroughly done, that gardening will become a pleasure, price, only 70c.

Excelsior Hand Weeder Excellent for use in flower gardens price 15c. (by mail 25c.)



Hazeltine's Hand Weeder—For weeding Onions, Strawberries, etc. price, 25c (by mail 30 cts.)

Eureka Fan Mill

This is a first class mill in every particular and as a general purpose farm mill for grain or seed can not be equaled, price $26.00.

VULCAN CHILLED PLOW.

The Vulcan is made of the **Original** and **Genuine** Chilled Metal, the iron used in Chilled parts is first quality Lake Superior Charcoal, solid mould board, and is reinforced on the back by **Ribs**, and will stand double the strain of any other Chilled mould board. The **Shin Pieces** or Cutter, being separate from the point is made as hard as the mould board, it thus retains its sharp cutting edge much longer than shins that are soft and part of the point, being **Center Draft**, and a perfect model, no plow on earth runs steadier than the **Vulcan**.

No. 7 One Horse Plow, right hand, (cuts 7 inches) $5 00
No. 11 Medium Two Horse Plow, right and left hand, (cuts 11 inches) 9 00
No. 12 Regular Two Horse Plow, right and left hand, (cuts 12 inches) 9 50

Steel and Heavy Township Plows.

This Plow is made especially for Township road work, and is the best Plow in the market for that purpose. Price $15.00.

Clipper Steel Plow, Wood Beam (cuts 11 inches) $12 50
Clipper Steel Plow, Wood Beam (cuts 13 inches) $14 50
Pony Plow, with extra Point . . $ 3 50
Side Hill Plow, No. 1½ 12 00
" " " No. 3 . . . . . 13 00

Malta Double Shovel Plow, Iron Beam, $3 00
" " " Wood . . . 3 00
Single Shovel Plow, Wood Beam . . . 3 25
Potato Digger Meikle pattern steel wing $9 00

Bull Tongues . . . . . each, 30 cts.
Shovel Blades . . . . . " 40 "
Fenders . . . . . " 30 "
Potato Digger, Old Style $7.50

Lock Lever Post Hole Digger.

Is made of the best material obtainable, the handle is made of the best and toughest hickory, the castings are of the best malleable iron, the blades of the best saw steel, well tempered while all wearing parts have steel pins and steel rivets.

The Lock Lever is automatic self-lock and locks the blade at right angle, so that both hands are used in lifting the ground out of the hole, the hole may be the same size as the post, which requires little or no tamping and leaves the ground around the post solid. The only digger made that have detachable steel blade that can be taken off when worn out by the farmer and replaced with a new one at a trifling cost, thus making it an everlasting tool. Price $2.25.

Champion Post Hole Digger $0 75

Blue Grass Stripper.

(King's Patent.)

The only Hand Blue Grass Stripper in the market, is well made, nicely painted and varnished, a man can strip twenty bushels of seed per day with it, weighs 4 pounds, price, $1.50.

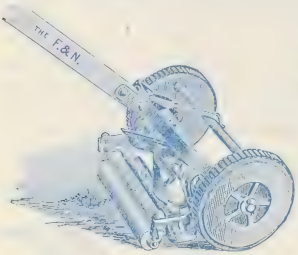
Lariet Cow Chains, 18 feet long, with 2 swivels, snap, ring and steel picket $1 20
Screw Hitchings. . . . . each, 10
Single Trees, with Hooks 50
Double " 75

Steel Scoop.

Hercules, one half-bushel $2 00
Champion. 90

THE F. & N. LAWN MOWER.

The F. & N. is the latest in style, combining the most valuable improvements, which are fully covered by letters patent, and wherever introduced has at once taken the lead.



In construction only the best material is used, regardless of expense, in order to get the greatest strength and durability possible.

The ease with which the **"F. & N."** adapts itself to uneven ground and cuts up or down a bank or terrace without changing the position of the handle is due to the fact that the power is applied at the center of the traction wheels.

The size of the traction wheels is 8¼ inches, and the diameter of the reel 5 inches, which gives the greatest driving power with the least amount of draft.

The Ratchet is strong noisless, and positive acting. It is completely housed up, and no dirt or grass can get in to obstruct it.

The Pinion is made of cast steel, which is a a great improvement, as it will last much longer than grey iron.

The Spiral to the knives of the reel is so arranged as to give a continuous cut to the mower, consequently it does smooth work leaving the lawn smooth and velvety.

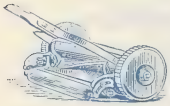
One of the Greatest Points of superiorty the **"F. & N."** has over every other mower is the simple, exact, and rapid manner with which the stationary and revolving knives can be brought together or adjusted. Both the journal bearings and the lower knife are adjusted by the slightest turning of a bolt, so that all wear for years may be taken up.

Guaranteed in every respect—Needs only to be seen to be appreciated. Have used one on my own lawn past three seasons, and my workmen say "It is the best and easiest running Mower made." They know by experience having used many makes. **Price within the reach of all.**

SPECIAL NET PRICES.

12 inch	$4 00	16 inch	$5 50		
14 inch	4 75	18 inch	$6 25	20 inch	$7 00

The Genuine Philadelphia Lawn Mower.



We warrant them to **run easy** to be **as durable**, and to be capable of **Cutting as High Grass** as any lawn mower made.

SPECIAL NET PRICES.

12 inch	$6.00	16 inch	$8.00		
14 inch	7.00	18 inch	9.00	20 inch	$10.00

"Acme" Lawn Sweeper.

A revolving brush sweeps the lawn clean and throws the sweepings backwards into a large box in the rear giving you a perfect lawn

The Basket or Hopper will hold a wheel-barrow load of litter. When filled it is easy to detach and empty.

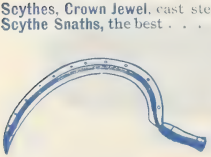
The "Acme" is light running, simple in its construction and thorough in its work. Is as far superior to a rake or broom as the lawn mower is to the sickle.

Every Machine is Guaranteed to Give Perfect Satisfaction.

18 inch	Weight 30 Pounds	$8 00
24 inch	" 34 "	10 00
30 inch	" 38 "	12 00

Scythes, Crown Jewel, cast steel	$0 75	**Scythes**, Bush or Weed	$0 75
Scythe Snaths, the best	75	**Scythe Stones**, Flat	05

Grass Hooks—English 50c . . . **Grass Hooks**—American 30c



Gadsden, Ala., July 11, 1890.

Dear Sir:—The No. 3 Derby Phæton Cart you have sent me has proved decidedly satisfactory. It is the easiest riding two-wheeler I ever rode in, and is strong and durable as I use it on our mountain roads behind a pretty fast horse.

Respectfully, F. C. MORDAUNT.

Improved Sanitary Pump and Water Purifier.

The best Water Drawer in use, pure water, no bugs, no freezing. This is the most substantial and valuable water drawer in use, will purify the foulest well or cistern will not freeze, has no valves, suckers or other device that will get out of order. strong and substantially made.

Improved Sanitary Pump and Water Purifier.

REDUCED PRICE LIST.

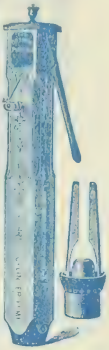
Curb and Single Gear Fixtures complete	$3 25
" " Double " " "	3 75
Chain, with Buckets, per lineal foot	12
Single Gear Fixtures, with Galvanized Buckets, complete for 10 foot Cistern, only	6 00

For wells over 25 ft. in depth we recommend double-geared castings, to get length of Bucket chain, measure from top to bottom of well or cistern, and add 3 feet double for curb, for cistern 10 feet deep would require 13 double feet of chain or 26 feet.

Goshen Pump.

The finest Wood Pump in market.

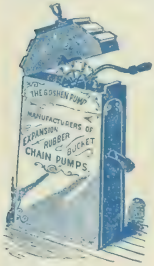
No. 0—7 feet. Plain Pumps, 7x7	$3 75
No. 1— " " " 6x6	3 25
No. 2— " " " 5x5	2 75
No. 0— " Porcelain Lined 7x7	4 75
No. 1— " " " 6x6	4 25
No. 1—6 feet, Brass Cylinder, 6x6	4 50
No. 1—7 " " " 6x6	4 75
No. 1—7 " Drive Well Pump, Cylinder attached, 6x6	4 50
No. 1—Tubing, 4x4, 1¾ inch bore per foot	8½
No. 1—Coupling, with heavy bands	25
Hand Wood Lift Pump with 6 feet Tubing	1 50



Goshen Pump.

Rubber Button Chain Pump.

Wood Curb, Reel and Fixtures, with best



Galvanized Chain, Rubber Buttons and Tubing, everything complete for a 10 foot cistern, only $4.00.

Brass Syringes.

Made of solid brass, in the best manner, and highly finished.

No. 1—Barrel, 14x1 in. diameter, two Spray Roses and Jet,	$3 00
No. 2— " 18x1½ in. " " " " " "	4 25
No. 3— " 18x1½ in. " " " " " " Conical Valve	4 75

Rubber Plant Sprinklers.

For sprinkling cut flowers, seedlings, clothes, etc. Small size 50 cts., large size $1.00. Postage 10 cts. each extra.

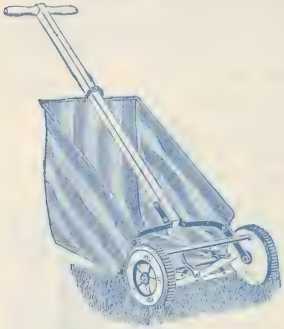
Rub. Putty Bulb.

Rubber Putty Bulb

Excellent for glazing, a pressure with the hand ejects the putty along the sash bars, makes tight and neat joint, does not daub the glass nor stick to the hands each $1.00 (By mail, $1.10)

Improved Hydronette.

The Improved Hydronette is an invaluable implement for sprinkling flowers, watering lawns, washing windows, carriages, etc., can also be used as a Fire Extinguisher. It is made in a very durable manner and cannot easy get out of order, has a sprinkler and rubber hose attached. The many usages to which it can be readily applied, commends it to every householder, gardener and farmer, price $5.00.



Powers Grass Catcher.

(Patented July 29, 1890.)

FITS ANY LAWN MOWER.

Gathers all the Grass. Leaves the Lawn smooth and velvety. It can be adjusted to any machine in a moment. Is attached to the handle by a buckle, and by a simple adjustable clamp it is attached to the handle iron braces. In putting the catcher on the mower, the wire of front end of the catcher should be level with center of wood roller.

The Catcher is made of heavy duck and can be packed into very small space for shipment as it folds together.

In ordering give the size of mower on which you intend to use the catcher. Price $1.00

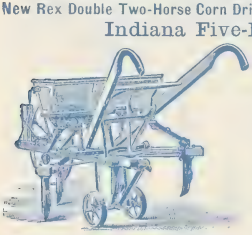
Indiana Corn Drill.

In calling the attention of farmers and dealers to the Indiana Corn Drill, we feel assured that we can present principles and advantages of the utmost importance, and improvements of more practical value than heretofore added to any machine of this class. We are using a drill-wheel with a long hub, same revolving on a box axle, making it impossible to spring or warp the frame thereby preventing the front gear from slipping out of mark. The frame is not mortised together, allowing water to get in so as to rot it which is the case with all other drills. Price $12.00.

THE INDIANA CORN DRILL WITH FERTILIZER ATTACHMENT. PRICE, $15.00.

New Rex Double Two-Horse Corn Drill—The best Two-Horse Drill in the market, price, $35.00

Indiana Five-Hoed One-Horse Grain Drill.



We have greatly Improved the Indiana during the past season, and wish to say positively it is the best Five-Hoed Drill now offered to the farmers. Our new rear lift attachment, now used instead of the old style caster wheels, is a very much needed improvement. The adjustment is so arranged that the wheels can be set that the hoes run only to the depth desired by the operator. It is positively a force feed, and at the same time can be changed from a given to a desired quantity in a moment. There is an indicator on the back of the hopper, which is attached to the feed shaft, so that whenever the shaft is moved it indicates the amount of grain being sown. Price, $15.00

Five-Hoed Grain Drill with Fertilizer attachment	$27 50
Three Hoed Grain Drill Plain	12 00
Eight Hoed Grain Drill with Iron Wheels, Spring Hoe and Hoe Pressure, Plain	50 00
Eight Hoed Grain Drill with Iron Wheels, Spring Hoe and Hoe Pressure, and Fertilizer attachment	70 00
Farmer's Friend Hand Corn Planter	$1 25

The Webster Clover Cutter.

No Poultry yard is complete without one of the Little Giant Cutters. Machine cuts eight times to a revolution. Is a self feeder and self sharpener, and weighs only five pounds, therefore making express charges light. With one of these cutters the cost of keeping poultry is reduced one-half and more eggs the result. Price, only $3.00.

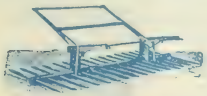
Reliable Sulky Hay Rake.

Easy of Dumping and Lever, the Rake Head proper sets higher than the spindle, so that the least tilting of the lever dumps the rake by the weight of the operator. This dumping is done more effectually than in any other rake on the market, as from the above construction the teeth are thrown much higher than the axle, so that no part of the load can be carried beyond the Windrow. The reliable is entirely free from cog-wheels, gearing and other complicated devices for dumping or operating, with combination pole and shafts, price, $18.00.

The Perfect Self-Dump Sulky Hay Rake.

The most complete and perfect Self-dump Sulky Rake, the teeth are elevated and the hay is dumped at the will of the operator by a slight pressure of the foot upon the foot lever. **The Perfect** has twenty steel teeth of the best quality, each of which are securely and independently attached to the head, and in the removal of any one of them, it will only be necessary to loosen one bolt, the teeth are double coil, and being of this style have such amount of elasticity and spring as causes them to conform most readily to uneven surfaces and pass over obstructions without breakage. **The Perfect** throughout is made of the very best material and is handsomely finished, with combination pole and shafts, price $20.

Tiffin Revolving Rake.



This is made of good seasoned timber, and superior to any other in the market, frame and head of the best hard-wood, teeth square and of best hickory, oiled, patent adjustable Iron Knee braces and patent tripping arrangement.

14 Teeth . . . . . $3 75 | 16 Teeth $4 00

Nellis Hay Fork, the best Horse Hay Fork in the market . . $3 00
Walker Hay Fork 1 75
Double Harpoon Fork 1 50
Maple Sheave Pulley 25

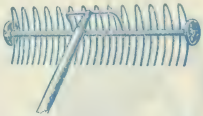
NELLIS FORK.

Rakes, Garden Steel . . . . . 8 tooth 30 cts., 10 tooth 40 cts.
" " " . . . . . 12 " 45 " 14 " 50 "
" " " . . . . . 16 " 70

Lawn Rakes.

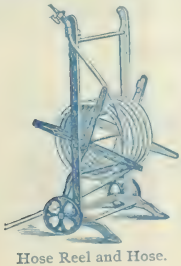
Davis Wire Rake.

Davis Wire, one of the best, . . $0 60
Gem Wire, ... 45
Wooden, 20 teeth, strong & light 30
Champion, with Wheels, 28 teeth 75
" without " 24 " 50
Eureka 60



Champion Lawn Rake.

Digging or Spading Forks $0 90
Hay Fork, two Tine, Oval Long Handle 40
" " three " " " " 50
Manure Forks, Cast Steel Oval, long or short handle, 4 Tine 50 cts., 5 Tine 75
Spades, Ames', Solid Steel 1 25
" **Steel,** 75
Shovels, " Square Point 1 10



Hose Reel and Hose.

Union Churns, No. 1, holds 5 gallons 4 00
No. 2, " 7 " 4 25
No. 4, " 10 " 5 00
Dash Churns 90
Seed Tryers, steel pointed, pocket with cap 1 00
" " for sampling wheat, oats, etc. 1 25
" " large," " orchard grass, blue grass, etc. 1 50
Webb Halters, best quality 35 cts. each, 3 for $1.00.
Jute Rope Halters, 15 cts. each, ... per doz. 1 25
" **Cattle Ties,** 15 cts. each, ... per doz. 1 25
Trot Lines, per ball 25
Wagon Jack, Miller, the best, strongest and most convenient 1 00
Wagon Jack made 50
Wagon Jack, Lansing 12
Rubber Hose Piping, in 50 feet lengths, ¾ in. 3 ply, per ft.
¾ in. 4 ply, per ft. 16
Hose Reel 1 00
Patent Nozzle 65

Sinclair's Patent Hay, Straw and Fodder Cutter.

These celebrated machines are universally acknowledged to be the best now manufactured for cutting Hay, Straw, Fodder, Corn Stalks, Sugar Cane, etc. For strength, durability and efficiency, they have no equal. Have no delicate springs or complicated machinery to get out of order, but are easy and simple to work, and can be operated by anyone of intelligence. Over 80,000 in use. Best in the world.

	Mnfrs. Price.	My Special Cash Price.
6 inch, capacity about 100 bushels per hour	$16 00	$9 00
8½ " " 175 " "	29 00	14 50
9 " " 250 " "	34 00	20 00
11 inch, capacity about 300 bushel per hour	38 00	22 50
15 " " 600 " "	55 00	35 00
No. 1 Masticator, " 150 " "	45 00	26 00
No. 2½ " " 600 " "	85 00	50 00
Sandford Straw Cutters, one of the best Standard Cutters in use,		$6 00
Moon's Patent Lever Cutter		4 00
All Right Lever Straw and Fodder Cutter		6 00

Reliable Corn Sheller.

Best and easiest running sheller in the market. Separates the corn from the cobs. Is a right hand sheller, with cob delivery at end. Guaranteed equal to any sheller in the market. The **Reliable** is made in two sizes—one and two hole. The two hole is of the same general appearance as the one-hole shown on cut.

The one hole can be furnished with or without fan, or feed table as desired. All two-hole shellers are furnished with crank, pulley and feed table, and can be furnished with or without fan.

1 Hole sheller without Fan $6.50 | 2 Hole sheller without fan $14.
1 " with " 8.00 | 2 " with $15.

Wilson's Bone Mill.

No. 1, for grinding dry bones, shells, grain and many other substances for poultry. Price, without legs $5.00 with legs $7.00.

No. 0, for grinding corn, oats, etc. Price, without legs $5.00, with legs, $7.00.

Superior Lawn Mower Oil.

This is a handy can holding half a pint, filled with fine oil manufactured expressly for Lawn Mowers, Bicycles, etc. 20 cts. per can.

Herbert Patent Horse Poke.

Adjustable to fit any horse. You do not have to keep a half dozen sizes in stock. It does not prevent a horse from eating, but does prevent a horse from getting over the fence. Price, $1.00.

Hand Push Carts.

Carts of this kind are growing into popular favor daily, painters, carpenters, bill-posters, masons, etc., find that they are ahead of anything else for carrying tools and light material, farmers, too, use them to good advantage about the orchard or garden, box easily adjusted.

No. 1—Body 40x23 in., 10 in. deep	$7 00
No. 2 " 32x20 " 9 " "	6 00
No. 4—With third wheel, body 40x23 10 in. deep	7 50
No. 7—With strong springs, body 40x23 10 in. deep	7 50

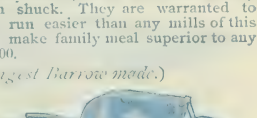
Barrel Cart.

Complete, without barrel, $5.00.

Improved Monarch Corn and Cob Mills.

The Monarch Corn and Cob Mill has in the past year proven a popular candidate for public favor. It is fitted with our celebrated Cast Steel grinders and force feed. The grinding parts—**Corn, Shell and Rings**—have a double force feed and shear cut, which carries the grain rapidly through the mill, also greatly assists in grinding corn with shuck. They are warranted to grind faster, wear longer, and run easier than any mills of this class. Grind small grain and make family meal superior to any other. Special net price, $25.00.

Garden Wheel Barrow. (*Strongest Barrow made.*)



These Barrows are made of thoroughly seasoned wood, with double frames, firmly bolted together, iron braced, and so constructed, that by simply removing one bolt (the axle) and two nuts, they can be folded flat down, and shipped at lowest rate of freight, but a moment's time is required to set up one for use.

No. 2, $3.00—No. 3, $3.25—No. 4, $3.75. With Steel Wheel, 50 cts. extra.

Pan American Railroad Barrow, steel tray, steel wheel	$1 00
Railroad Barrows, bolted, patent wheel	1 75
Stone Barrows, straight handle	3 00
" " bent handle	3 50
Tubular Steel Tray Barrow	6 00

Little Giant Wheel Scraper.

Capacity 10 cubic feet, weight 380 lbs., end gates always furnished with this scraper, the wheels are 31 inches in diameter and tire 3½x¼ inches.

Price $30 00

Pressed Bowl Wheel Scraper.

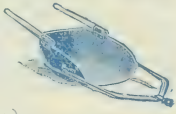
The Best, Strongest and easiest working wheel Scraper ever put on the market.

No. 2—Capacity 13 cubic feet, "Sarven Patent" Wood Wheels, 40 in. diameter, and tire 3½x¼ in., weight complete, 625 lbs., price $42.00.

No. 3, capacity 17 cubic feet, "Sarven Patent" Wood Wheels, 46 ins. diameter, and tire 3½ x ¼ inch, weight complete, 725 lbs. Price, $46.00.

No. 3 has Snatch Rod for extra team when filling. In ordering these scrapers, please state whether they are wanted with or without end-gates price, extra $3.00. Whiffletrees and Neck Yokes, per set, $4.00.

Columbus Solid Steel Scraper, Best in Use.

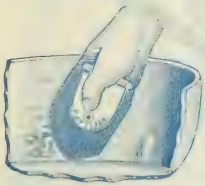


No. 1—Carries 7 feet of earth	$6 25
No. 2— " 5 " "	5 75
No. 3— " 3 " "	5 25

Runners for either size, 50 cts. extra.

St. Louis Steel Scraper, (*with chain.*)

The bottom being solid steel and well tempered, the sides are of wood and bound with iron, the back of scraper is of wood and is held in place by two long iron rods provided with nuts to tighten up any looseness that might be caused by swelling and shrinking, price $4.00.



Pot Scrapers.

Removes burnt, incrusted food or other substances from all cooking utensils. It works quickly, easily and effectively. Is also useful in removing paint from window glass, old varnish from wood. It is the handiest and most useful article yet invented for kitchen use. Is made of sheet steel of different angles and curves which conform to the shapes of the articles to be scraped or cleaned. Price 10 cents.

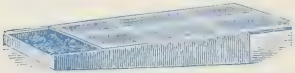
Sprinkling Cans, Tin.

2 qts. 30c 4 qts. 40c 6 qts. 50c 8 qts. 85c

Galvanized—6 qts. 65c 8 qts. 85c.

Plant Bed Cloth.

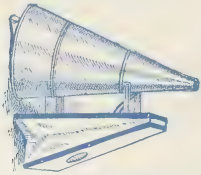
Valuable for forwarding and protecting early plants from frosts, covering hot-beds and frames in spring in lieu of glass, and for throwing over bedding plants at night



in fall, for Chrysanthemum houses, etc., at one-tenth the cost of glass, pieces contain from 40 to 60 yards.

Heavy Grade, per yd. 12c. by piece, per yd 11c.
Medium Grade, best for general purposes, per yd. 10 cts. by piece per yd. 9 cts.
Light Grade, mostly used in South for tobacco plants, per yd. 6 cts., by piece, per yd. 5 cts.

Bee Smokers



Perfection Cold Blast 75 cts.
Perfection Muzzle Feeder, $1.25.
Binghams, small size 50 cts. standard 75 cts. extra standard $1.00, large $1.25.
By mail, post-paid 25 cts. each extra.
Bee Sections, 4¼x4¼x1⅞ or 1¾ per 100, 60c.
" " per crate of 500 sections $2.75.
" " per 1,000 sections . . . $4.00
Bee Veil, Ideal, 75 cts.
" " globe $1.00.
Rubber Gloves, per pair $1.40, ex. heavy $2.00.
Carriage Sponges, 25 to 75 cts.
Chamois Skin, 25 to 75 cts.
Black Castile Harness Soap, 25 cts. per cake.
Dandy Horse Brushes, 25 to 45 cts.
"Bristle" " " 35 to 85 cts.
Cane Stakes, 5 to 7 feet long useful for plant stakes, per 100 60 cts., per 500 $2.50.
Cane Stakes large, for staking beans, etc., per doz. 15 cts., per 100 $1.00.

Standard Flower Pots and Saucers,

FLOWER POTS.	each.	doz.	per 100.	SAUCERS.	each.	doz.	per 100.
2 in.	$0.02	$0.20	$1.25	4 in.	$0.03	$0.25	$1.75
3 "	.02	.25	1.50	5 "	.03	.30	2.50
4 "	.03	.25	2.00	6 "	.04	.35	2.75
5 "	.04	.45	3.00	7 "	.05	.45	3.50
6 "	.06	.60	4.50	8 "	.07	.60	4.50
7 "	.08	.90	7.00	9 "	.10	.85	6.50
8 "	.12	1.20	10.00	10 "	.10	1.00	
9 "	.17	1.70	13.00	12 "	.15	1.50	
10 "	.25	2.50					
12 "	.50	5.00					

Lawn Roller.

Two sections, the best weight about 300 lbs., special price $12.00.

Roller Two Horse, 2 sections 8 ft. long weight can be increased by loading, only $28.00.

Latest Improved Buckeye Cider Mill

The strongest neatest and most durable cider mill on the market.

Junior, small size, $12 50
Senior, large size, $18 00

I. X. L. Cider Mills, Medium $15 00
I. X. L. Cider Mills, Senior $18 00

Small Store Truck, heavy frame and well ironed, price reduced $2.50
Columbus Bag or Barrel Truck . . $ 3 00
No. 4, Heavy Store Truck . . . 8 00
Grain Truck . . 4 wheels . . 13 00
Seed Warehouse Truck 4 wheels 13 00
Truck and Bag Holder Combined 4 50
Mosher's Patent Bag Holder . 4 50

Whips—we carry a large stock of best quality, 20 cts. to $2.00.
Sphagnum Moss, for packing and growing Orchids, per bbl. $1.25, per bale $2.75.
Moss, Green Sheet, for lining wire hanging baskets, per bale 40 cts.

Acme Weeding Hoe.

The strongest and best weeding hoe commanded a large sale last season, it will prove of general utility for field or garden purposes, and will gain favor by use. Price, 60 cts.

Boston Coach Oil.

An axle lubricant of lasting properties, prevents corrosion or gumming, will not injure hubs or spokes, work in winter as well as in summer, pint 30c. quart 40 cts.

Cont'l Ointment.

(For Man or Beast.)

A cure for eruptions, sores, bites, cuts, bruises, burns, etc., hard and cracked hoofs, wonderful healing agent, & **greatest hoof grower known**, small size 25 cts. medium size 40 cts., large size 50 cts.

Powder Gun.

Jumbo Powder Gun 20c
Cyclone " " 15c

Eureka Harness Oil.

Eureka Harness Oil.

For oiling, blackening and preserving the leather of harness, carriage tops, etc. One-half pint 20c., pint 30c.

Isbell Mole Trap

The best in use. When properly set, never allows the mole to escape and no skill is required in setting . . $1.75

Pruning Shears

hand best 8 in. $1.25 9 in $1.50.

Water's Improved Tree Pruner

It weighs less, costs less, will last longer, reach higher, work easier, do more and better work than anything ever before used for pruning, it must be seen to be appreciated.
4 ft. $1.35 . 8 ft. $1.75.
6 ft. $1.60 10 ft. $2.00.
12 ft. . . $2.25.
Extra Knives, 30 cts. each.

Telegraph Tree Pruner $1.35
Red Clipper Pruning Shears $2.50

Trowels Garden. English pattern, forged, solid shank 5 in. 50c., 6 in. 60c.

Trowels Garden, American pattern, 5 in. 10c. 6 in. 15 cts. 7 in. 20 cts.
Transplanter, 6 in. 15 cts.

Onion Hoe.

Standard Socket Garden Hoe, Cast Steel 40c.
Ladies Light Garden, Cast Steel . . . . 30c.
Onion Hoe, Steel Blades, one end square other end two prongs . . . . . 30c.

Insect Powder Bellows.

The best made for Slug Shot, Hellebore Insect Powder, etc., 50c. 75c. $1.00 and $1.25.

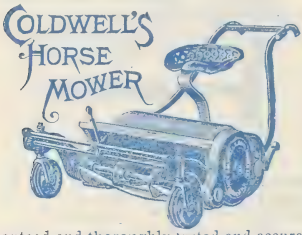
Wire Flower Pot Stands.

The stands are most desirable either for house hold use or for conservatories and other purposes. They are elegantly made, painted a beautiful green, mounted on casters, and finished with gold bronze, making them very attractive and ornamental.

No. 1 Oblong Stand.—20 in. high, 24 in. long, 9½ in. wide. Special cash price $2.50
No. 2 Oblong Stand.—24 in. high, 28 in. long, 10½ in. wide. Special cash price 3.00
No. 3 Square Stand.—With two shelves, 32 in. high, 32 in. long. Special cash price..... 3.50
No. 4 Square Stand.—With three shelves 36 in. high, 36 in. long and 25 in. wide. Special cash price..... 4.50
No. 5 Semi-Circle Stand.—With three shelves, 32 in. high, 36 in. wide. This stand occupies but very little space, and will hold quite a number of plants. Special cash price.. 4.50

The Coldwell Horse Lawn Mower.

Is the result of over twenty years experience in the manufacture and sale of Mowers, which with our newly-organized company, new **Plant, tools, machinery, patterns, new improvements and patents,** we are now enabled to place upon the market the most perfect Lawn Mower ever made.



Revolving Cutter Knives.—Made of the very best cast steel, extra heavy. **Shafts**—Made of the best steel, with split composition bushings to take up the wear, and keep the adjustment perfect. **Gears.**—Are cut so they give the greatest amount of wear, with the least amount of friction. **Adjustment**—is simple and perfect. **Castor Rollers.**—Which will not mark the lawn. **Side Draft Attachment.**—To enable the horse to walk in the cut grass only. **Eveness of Cut.**—Is secured by an adjustment which raises and lowers the **two sides** at the same time, by means of a simple lever attachment. The same lever movement serves the purpose of raising the knives from the ground when driving over gravel walks or roads. **Every Mower**—Is guaranteed and thoroughly tested and accurately adjusted before it is packed, and full directions for setting up and care of machine are packed in each box.

	M'f'rs Prices.	Special Cash Prices.
25 inches, without seat or shafts	$ 65 00	$ 40 00
30 " with seat and shafts	110 00	65 00
35 " " "	135 00	80 00
40 " " "	170 00	95 00

No seat can be used on the 25-inch mower. Shafts and side-bar attachment $7.50 extra.

Howe Spraying Machine.

The Best Machine on the market today for the money. A very strong and durable force pump with nickel plated brass cylinder 3¼ in. diameter attached to a strong 30 gallon cask, mounted on a light two wheeled carriage. Nicely balanced, one person can handle it. Has an agitator, which keeps the fluid in it well stirred up, and makes a complete Spray Pump. Light and portable. One man can wheel it to distant and scattered trees and spray them. Or it can be carried on a wagon and large orchards can be easily and quickly sprayed. Also in case of fire, it can be wheeled quickly to the point endangered, and one man can work it and do good execution. Valuable for livery purposes, washing vehicles, laying dust watering lawns and gardens, washing horses' legs and many other valuable purposes.

No. 1—Plain Machine, with 5 foot discharge hose, one nozzle with spray and fire tips $15 00
No. 2—Complete Machine with sets of nozzles and special attachments for spraying three rows at a time 20 00
No. 3—Pump unmounted, with 5 foot discharge hose, one nozzle with spray and fire tips 8 00

Additional hose or fittings at market prices.

Aquapult Force Pump.

This is the best and most durable portable hand pump in the market. Made of solid brass, very light and easily carried and works from any bucket or tub. Throws a stream 30 ft., or a spray 20 ft., just the thing for throwing liquid insecticides on low trees, shrubs, plants, etc., besides being useful for sprinkling walks, gardens, washing windows, etc. Price, $5.00.

Lewis Combination Force Pump.

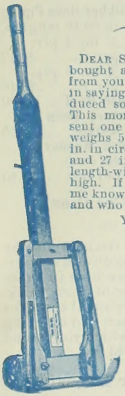
In buying our Spraying Outfit, you get **Three Complete Brass Machines instead of One.** The advantages are apparent, as in case you do not wish to use the Pump for spraying or other purposes, Pump part can be instantly detached and Agricultural Syringe Attachment put in place. It then becomes an Agricultural Syringe or Potato-Bug Exterminator, with which a man or boy can spray 6 acres of potatoes a day. The **Veterinary Nozzle** is a valuable acquisition, as you always have it at hand, and it may many times be the means of saving the life of a valuable animal. Price, $5.00.

BRASS SYRINGE with Spray, $2.00.

Champion Section Self-Feed Cutter.

It will cut Hay, Oats and Corn-stalks with rapidity and ease. Cut it any length the operator may desire. Has a greater capacity—having 11 inch throat—than any Box of its size. Works easier for the operator, and is less liable to get out of order, and has less machinery, and therefore the best for the consumer to buy.

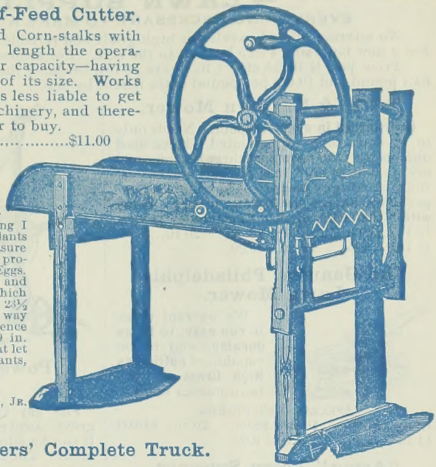
Price.....$11.00



SEPT. 21st, 1892.

DEAR SIRS: Last Spring I bought a dozen Egg Plants from you and I take pleasure in saying that they have produced some very fine Eggs. This morning I picked and sent one to Mr. Swain which weighs 5 lbs., measures 23½ in. in circumference one way and 27 in. in circumference length-wise and stands 9 in. high. If you can beat that let me know who sold the plants, and who raised the Eggs.

Yours Truly,
J. W. IREDELL, JR.

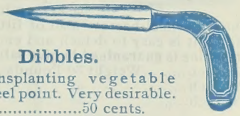


Rogers' Complete Truck.

Carries all kinds of packages, boxes, barrels, bags, bales of hay, etc., from the lightest to the heaviest. Will run in narrow places, the widest part of the truck being one foot. The hook can be taken out to use in the hand if desired, and will lock itself when put in place and cannot lose out. Is made strong and neat. Price $2.50

Hand Grass or Border Shears.

Price.....50 cents.



Dibbles.

For transplanting vegetable plants. Steel point. Very desirable.
Price.....50 cents.

Moon Coulter.

Is simple and practicable. Has a patented shoe, in the center of which the Coulter revolves. This shoe presses down all weeds and trash, holds same firmly while being cut by the Coulter. The center of disc runs within an inch of the surface of the ground, consequently the cutting point is on a horizontal line with the center of disc, or nearly so, thus overcoming the tendency to roll over trash and throw the plow out of the ground. We guarantee that any growth of pea vines, crab grass, sweet potato vines or broom sedge can be cut and completely turned under without clogging, and at the same time reduce the draft on animal from 25 to 50 per cent. In ordering be careful to state whether wanted for Wood or Steel Beam Plows. Clamps for Wood Beams furnished unless otherwise ordered. No. 2.....$3.00. No. 3.....$3.50.

Victor Hand Corn Planter.

With Fertilizer Attachment. Price.....$1.50.

Boys' Garden Wheel Barrow.

This Barrow is made of thoroughly seasoned wood, with double frames, firmly bolted together and iron braced. Price.....$2.50

→ LAWN SUPPLIES ←

EVERYTHING NECESSARY TO MAKE A PERFECT LAWN.

No mixture offered excels our high grade and reliable **Emerald Lawn Grass Seed.** For a new lawn sow 4 to 5 bushels to the acre. For renovating sow 2 bushels to the acre.

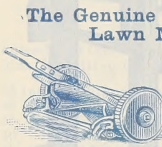
Price per ½ lb. 15 cts., 1 lb. 25 cts., 2 lbs. 50 cts., 5 lbs. $1.00, 16 lbs. $3.00. (5 cts. per half pound and 10 cts per pound extra if sent by mail.)

The F. & N. Lawn Mower.

Guaranteed in every respect. Needs only to be seen to be appreciated. Have used one on my own lawn past three seasons, and my workmen say "It is the best and easiest running Mower made." They know by experience, having used many makes. **Price within the reach of all.** Special net prices.

12 in...$4.00 16 in...$5.50 20 in...$7.00
14 in... 4.75 18 in... 6.00

The Genuine Philadelphia Lawn Mower.



We warrant them to **run easy,** to be as **durable,** and to be capable of **cutting as High Grass** as any lawn mower made.

SPECIAL NET PRICES.

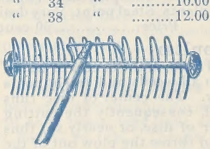
12 in...$6.00 16 in...$8.00 20 in...$10.00
14 in... 7.00 18 in... 9.00

"Acme" Lawn Sweeper.

A revolving brush sweeps the lawn and throws the sweepings backwards into a large box in the rear, giving you a perfect lawn. The basket or hopper will hold a wheel-barrow load of litter. When filled it is easy to detach and empty. **Every machine is guaranteed to give satisfaction.**

18 inch.....Weight 30 Pounds $8.00
24 inch..... " 34 " 10.00
30 inch..... " 38 " 12.00

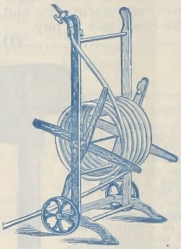
Lawn Rakes.



Champion Lawn Rake.

Champion, with Wheels, 28 teeth.....$0.75
" without Wheels, 24 teeth..... .50
Davis Wire, one of the best..... .60
Gem Wire..... .45
Wooden, 20 teeth, strong and light..... .30
Eureka ..... .60

SCYTHES—Bush or Weed $0.75
SCYTHES, Crown Jewel—cast steel.. .75
SCYTHE STONES -Flat..... .05
SCYTHE SNATHS—the best..... .75
Grass Hooks—English 50c. American .30
HAND GRASS SHEARS..... .50



Hose Reel and Hose.

Rubber Hose Piping in 50 ft. lengths,
¾ in. 3 ply, per ft..... $0.12
¾ in. 4 ply, per ft.....$0.16
Hose Reel..... 1.00
Patent Hose Nozzle..... .65
Hose Menders, 6c. each, per doz..... .60

Powers Grass Catcher.

(Patented July 29, 1890.)

Fits any Lawn Mower. Gathers all the grass. Leaves the lawn smooth and velvety. It can be adjusted to any machine in a moment. The Catcher is made of heavy Duck, and can be packed into very small space for shipment as it folds together. In ordering give the size of mower on which you intend to use the catcher. Price, $1.00.

Lawn Fertilizer or Dressing.

To produce a rich, luxuriant, and lasting growth of beautiful dark-green grass, use Lawn Dressing. It is quick in action, its effect being seen immediately after the first rain. The dressing should be applied in winter or spring, and sown broadcast on a damp day, or just before a rain. 10 lb. 50c. 25 lb. $1.00, 50 lb. $1.75, 100 lb. $3.00.

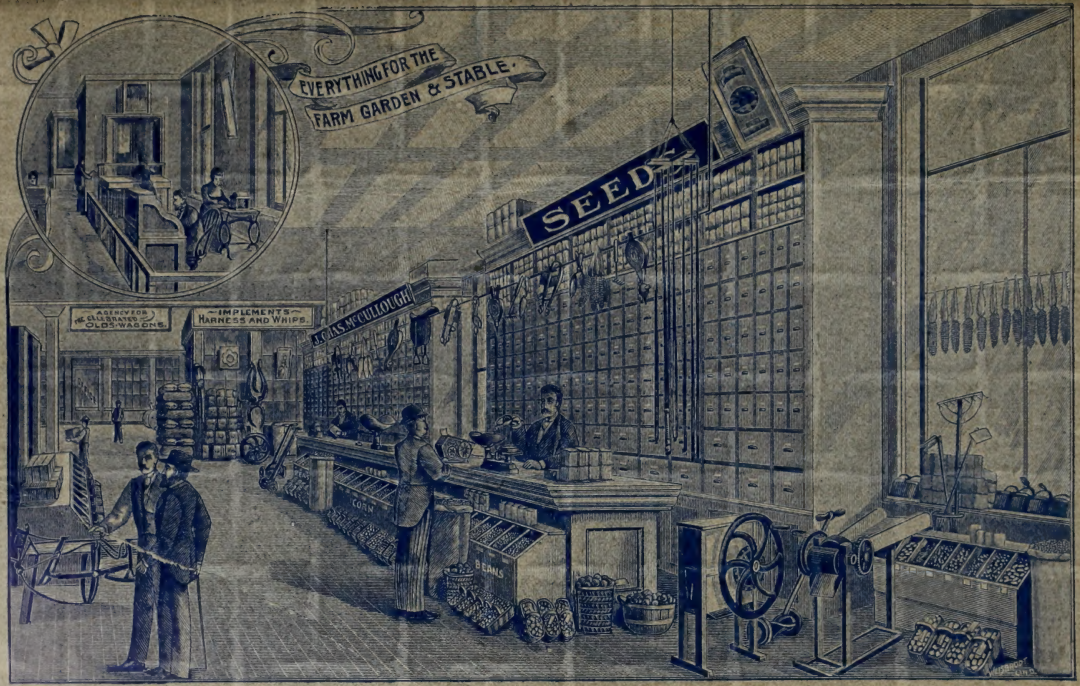
Superior Lawn Mower Oil.

This is a handy can holding half a pint, filled with fine oil manufactured expressly for Lawn Mowers, Bicycles, etc. 20 cts per can.

Lawn Roller.

In two sections, the best. Weight about 300 lbs. Special price, $12.00.

Roller, Two Horse, two sections, 8 feet long. Weight can be increased by loading. Only $28.00.



RETAIL DEPARTMENT, SECOND AND WALNUT STREETS, SHOWING ABOUT ONE-THIRD OF FIRST FLOOR.

OUR CELEBRATED

Emerald or City Park Lawn Grass Seed.

This Seed is Equal or Superior to any Lawn Grass Seed offered under any name.

½ lb. 15 cts. 1 lb. 25 cts. 2 lbs. 50 cts. 5 lbs. $1.00. 16 lbs. $3.00.

THIS LAWN MADE FIRST YEAR FROM OUR SEED.

WE KEEP NEARLY EVERYTHING FOR THE GARDEN AND FARM.

(Residence of J. Chas. McCullough.)

J. Chas. McCullough:
"Your Lawn Grass Seed is just as represented. It is the best ever used in our neighborhood."

REMEMBER OUR LOCATION, "IN THE BOTTOMS."

NORTH-EAST CORNER **SECOND & WALNUT STS.**

Telephone 1773. **CINCINNATI, OHIO.**